





- While interacting, be confident about your response and be prepared to back it up logically/technically/factually as and when needed.
- Try to keep your responses short, crisp, straightforward, and within a 90-120 seconds timeframe. Else they would lose track of the subject and even your answer.
- Be thorough with your CV, as that is everything the panelists have beforehand about you. Be well-versed of the same.
- While answering, if you are not confident or feel unorganized, don't be shy to ask for a few seconds to structure your thoughts and deliver a well-framed response.



### Anand S

Educational Background: B.Tech (Electronics and Comm-

unication)

**Work Experience** : Business Development Manager

(Think and Learn Pvt Ltd)

**Duration** : 24 months

### **Interview Experience**

My PI was scheduled in online mode, and there were two panelists. The entire experience was more an interaction where the panelists made sure I was comfortable and at ease. It started with the classical MBA interview question - "Tell us a bit about yourself" and a few follow-up questions regarding the topics I had mentioned during the introduction. Post these questions, the discussion happened around my CV. Starting with my work experience, they gave me a few real-life situations and checked my thought process on handling the same. They asked about my responsibilities in the organization I had worked with, and my learnings during my time there.

The interview then dwelled deeper into my roles and responsibilities during my UG and later achievements. Real-life questions based on statistics, probability, and PnC were also asked. Here I was tested analytically and logically, and was given sufficient time to respond. Lastly, a couple of current affairs questions and my hobbies were asked.

The entire interview lasted for around 20-25 minutes. There was a time when I was unsure of the answer; even after giving it a thought, I couldn't get the same. I had responded, "I am not able to recollect." I want to convey to you aspirants that it is OK not to respond to every question but, more importantly, not to bluff any situation/question. Finally, the interview ended with, "Do you have any question to be addressed?".











- Prepare some of the most obvious questions well in advance. (Tell me something about yourself, why MBA?)
- If you are a fresher, it would be helpful to brush up on the subjects you had studied in your undergrad. This helped me with other interviews.
- You should know about everything mentioned in your resume.
- If there's any particular domain of MBA which you are interested in, try to have some prior knowledge about it and the current developments in that area. If you haven't decided anything regarding which domain you would choose, that's fine also.
- Keep track of the current affairs and stay updated with all the things happening around you. This is very important.
- Whatever you mention in your hobbies, make sure that you know most of the things about them.
- And lastly, Be Confident, Be Yourself, and Be Honest!



## **Eeshita Mallik**

Educational Background: B.Tech (Electronic System Engi-

neering), NIELIT

Work Experience : Fresher

Duration : -

### **Interview Experience**

It was my first IIM interview. I was nervous, but I had it in my mind that I wanted to give my best. So, for the PI, I did all kinds of research on how to prepare; read about what all things I should know, understood what sorts of questions were asked to a fresher, saw a lot of videos, and read about the interview experiences of a lot of students.

So, here's my interview experience with IIM Amritsar:

The panel consisted of two female professors, and it started off with them asking me to introduce myself. I talked about my educational background, internships, and hobbies predominantly. They further examined on a specific internship that I did, I elaborated on that, and a couple of questions followed. They then asked me about the key learnings I had from my internships, and I was able to satisfactorily answer that.

The interview then shifted to why I wanted to do an MBA. I had my answer prepared and was able to convey the same without any difficulty. They then asked whether I had any particular domains in management that I had decided to pursue my career in, and I answered stating my preference and explaining it. The interview then took another deviation as a question about the pros and cons of electric vehicles was asked. Since that was a hot topic at that point, I had read up on that, and was able to give a well-structured answer to the question. A couple of counter questions followed on the topic. I was then asked about "vaccine diplomacy", but I had a hard time answering that. A couple more of current affairs questions followed- like who Disha Ravi was and why she was in the news and I was able to answer them guite smoothly due to being acquainted with current affairs topics. I was further examined on my proficiencies in my hobby (painting) and I stumbled on one in-depth question. The interview ended there.







- Try to prepare your "Tell me about yourself" well; it can help you guide your interview as per your wish for quite some time.
- Be confident while answering and carry a smile on your face.
- Be attentive, and it's not important to give the right/correct answer to each question; what matters more is how well you tackle the situation if you don't know the answer.
- Don't beat around the bush, politely say so if you don't know the answer.



## **Aman Shah**

Educational Background: B.Tech (Electrical Engineering)

Work Experience : Fresher

Duration : -

#### **Interview Experience**

After a half-an-hour wait in the meeting, I was called, and the interview went for like the next 15 mins. The interview kick-started with the fundamental question "Tell me about yourself" to which I was well prepared, and that helped me shape my interview. The follow-up question came from my family business background: How I contributed to it and what precisely my role was. This question allowed me to talk about my interest and knowledge in the business, showing how seriously I took my role there.

The interview progressed with the interviewers wanting to gauge my knowledge about my undergrad subjects and shooting some questions around them. The relief point came back when I was asked about my hobby and some recent news around it.

I had a six-month internship with Comhard Technologies as a Business Development Executive, which took a good amount of my interview time. I was asked about my contributions and how I made the best use of it. The next question came as to why I wanted to do an MBA.

The last and the most shocking part came when I was asked about my role models. I named two people and put forward my reason for looking up to them. The follow-up question came: Why not any female role model, and I was taken aback with two female interviewers in front of me.

This conversation went a bit long, but the interview ended with a smile on everyone's face.







Prepare your resume thoroughly; much of what you have mentioned will be asked, and you should be honest because the panel can easily tell whether you are lying.

Keep up with the latest trending headlines.

Make sure you're appropriately attired and groomed.

Remember to smile and gaze towards the camera.



## **Shubham Verma**

Educational Background: B. Tech (CSE)

**Work Experience** : Samsung Research Institute

Noida

Duration : 36 months

#### **Interview Experience**

An IIM interview is a once-in-a-lifetime opportunity. In the two to three months leading up to the interview, you anticipate and prepare for so many things that by the time you stand in the waiting room, on some zoom call, you're nervous.

My Zoom interview lasted around 15 minutes. The panel was guite pleasant and made me feel at ease. The first question was taken from my CV, and it was about an event I had organised during my undergraduate years. Then I was questioned about my job, the most recent project I worked on, and the most challenging issue I encountered during my time there.

The conversation then moved on to hobbies, with some follow-up questions such as "What is the first thing you do before a trip?" and "What does a technical foul in basketball mean?". Then there was a question about leadership, and I was asked to give examples of times when I failed as a leader and how I handled those situations.

The panel then asked why I wanted to do an MBA and if I had any questions for them.





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- Be thorough with one's academics; many questions were from the learnings of my previous academic course.
- Prepare your answers precisely and concisely.
- Be aware of the current affairs and have an opinion about it.
- Be honest and stay calm.



# **Shivani Singh**

Educational Background: B.Tech (Chemical Engineering)

**Work Experience** : Fresher

**Duration** 

#### **Interview Experience**

After qualifying CAT and making it to an IIM PI, only a wall stands between you and a lucrative IIM convert. Being one of the most important factors which decide whether one would end up making it or breaking, it becomes imperative to prepare for it with total energy.

My interview at IIM Amritsar was structured around my CV, and it took a headstart with the question, "Despite having an excellent CV, why MBA?" This is one of the most critical questions, and we need to have a convincing answer for our interviewers. Further guestions were asked from current affairs, followed by some questions on the functioning of state government and central government. Other questions were around some of my extra-curricular activities and my undergrad degree - Chemical Engineering. Later on, questions on mathematics were asked from probability and differentiation, and sufficient time was given to think and solve the problems. The problems were aimed at checking my conceptual knowledge of the subjects.

In the meantime, some discussion went around the Covid-19 situations and the prevailing farmer's law at that time. The whole interview period was very constructive, and the interviewers made me very comfortable at the start, and it was not grilling at all.





Be clear about the reasons for pursuing MBA.

Have a proper understanding of the events going around. Newspapers (e.g., The Hindu, Indian Express), magazines (e.g., Vision IAS current affairs, Manorama Prakashan) and Youtube (Bloomberg, WSJ, CNBC, The Hindu) are a good source to get the information.

Be yourself. Introspect and frame the answers around personal and professional experiences.



## Vivek Patil

Educational Background: B.E. (ME),

M.Tech (Project Management)

**Work Experience** : Quantum Phinance Consulting

Pvt. Ltd.

**Duration** : 23 months

#### **Interview Experience**

My interview was an enriching discussion, and the interviewers accommodated for all my last-minute nerves. The total duration of my interview was about 30 minutes and it started with the classic question 'Tell me about yourself. Its answer moulded the course of the interview thereafter. I am passionate about writing, so I ended my answer by mentioning the same. Based upon that, interviewers started asking questions about what type of writing I love, any one of my articles, why I don't try other types of writing, etc.

It was followed by my educational background. Interviewers asked me about the reasons for pursuing another Master's degree. Then there were questions about my work experience. I had worked as a business analyst, so I was asked a question about 'Difference between Business Analyst and Business Analytics'. There were simple questions about excel. I was also asked about the five key areas in the Union Budget and their impact on the businesses across the country.

Towards the end, I was asked about the other offers I had. I knew that an honest answer was expected at that moment and therefore, I told them about it truthfully.









- Scan your resume thoroughly, focus on each word, learn your "Tell me about yourself". Be aware of the current happening (Budget, elections).
- Stay calm, some questions may be asked to check your emotional quotient.
- Keep smiling, Dress properly and completely (no shorts),
- If you are not able to recollect something, ask them if you can take a minute to recollect your thoughts.

Be assured that everything will be good!!

All the best!



# **Piyush Gadewar**

Educational Background: B. Tech (Production Engineering)

Work Experience : Infosys (Pune)

Duration : 24 months

#### **Interview Experience**

Two panellists, one male, and one female were present in my panel. The interview experience was good, and the questions were not too unexpected. Almost all the questions were from my reply to the introduction question.

Some of the questions that I remember are as follows: 1. Tell me about yourself.

- 2. About my work experience; industry related questions. About Infosys, revenue, CEO, COO etc. Whether I had faced any conflict there, and how I resolved it.
- 3. A lot about my city (Nagpur and Pune).
  - a) Nagpur new developments, what do you think about the future of the city, why is it special (Tiger capital, orange city, reserve bank, RSS rela ted questions). Prominent politicians (about Nitin Gadkari ji, Fadnavis ji)
  - b) Pune what it is famous for; History, forts (I had mentioned that I liked trekking), which city I liked the most and why.
- 4. Current affairs
  - a) Portfolio of PM, other ministers.
  - b) Who the Finance minister and Education minister were.
  - c) Who the speakers of RS and LS were, number of members in both the houses, CJI, RBI governor etc
- 5. Hobbies mine was kayaking, and I was asked about different types of boats, major events, famous kayakers, some locations in India famous for kayaking. 6. Some question from mechanics, surface tension, buoyance law, and the laws of thermodynamics were asked. (I was not able to answer these questions that much, but they kept coming to them in between, probably checking how calm I could be in a situation). 7. HR Questions
  - a) Why IIM Amritsar.
  - b) "Why do we select you, what do you bring to the table?"
  - c) "Do you want to ask anything to us"?







Be thorough and confident with your CV. Don't lie or you will be not selected.

Have a charming smile throughout the interview. Don't fret if you have made any mistake.

Prepare you answers well in advance; try to channelize the interview towards your strengths.

Be thorough with current affairs and why do you want to pursue a higher degree.



## **Kumar Shashank**

Educational Background: B.Tech (ECE)

**Work Experience** : L&T Limited

**Duration** : 47 months

#### **Interview Experience**

My interview started with the panellists asking me to tell them about myself which you might want to be very thorough with along with the CV or SOP. They asked me why I wanted to do an MBA when I was already working in a reputed company with a handsome salary. As I wanted to gain more knowledge and skills at that time and my job had become repetitive, I hadn't seen much growth in myself continuing with my job and I also wanted to switch to another sector. I was asked about my job role and how I would handle some of the real-life situations at the workplace.

They also asked about the future of smart cities and other government projects as I was involved in that sector. Following it were a couple of questions from operations domain and my undergrad subjects. They also enquired if I had gotten any offers from other good colleges apart from this IIM and why would I choose Amritsar over others. Then the interview took a turn toward general trivia and current affairs. They tried to gauge my stand on the farmers' protest happening around that time.

They also asked what I would bring to the table if I get selected in their institute. Eventually we discussed on the different hobbies that I had mentioned in my CV and we wrapped up.









The formula of cracking self-based questions it not your grades, achievements or an MNC you work for. It's you being who you are (know yourself).

Make sure you have thoroughly studies at least 2 subjects from your undergrad, as most interviewers give you a choice of the subjects.



## **Gauray Jain**

Educational Background: B. Tech (Mechanical Engineering)

**Work Experience** : Fresher Duration

#### **Interview Experience**

My interview took place in an online setup. There were two professors in my panel for the interview. They started with the classic "Tell me about yourself" in which I talked about my graduation, and from where I belonged, along with my awards & achievements. From that, they asked me about some famous places to visit in my hometown (Udaipur) and about the history of the city. Later they asked me about my graduation and as I did Research work and also was part of Race team, they asked me why I wanted to do an MBA(connect the answer as how it can enhance you skills and increase the quality and quantity of opportunities). Post that, they asked me some questions on Statistics and Environmental Studies (as they are mentioned in my B-Tech transcripts).

After that the interview moved towards my achievement on Start-Up Pitching Award and asked some questions on Start-Ups. Later the interviewers asked me about my Hobbies and as I mentioned about reading books, they asked some follow up questions on the books which I had read.











The interview duration was for half an hour and for all that duration I was on my toes, even though questions were challenging I tried to answer them with best of my knowledge and if you have a thorough read of your CV it will turn out in your favour.

If you are eyeing for the analytics course, be sure to brush your knowledge on Statistics, Functions, Graphs and Calculus.

Lastly, do not lose your composure or confidence; you have come a long way through to reach here, it's no time to stumble!



## Prasanna Ashok Tayade

Educational Background: Bachelor in Electronics & Tele

communication

**Work Experience** : Fresher

Duration

#### **Interview Experience**

During my Interview, I had Prof. Dr. Prashant Poddar and Prof. Dr. Kushal Shah as my panellists. Most of the questions were directed towards Statistics and basic Calculus as I had opted for Business Analytics as my choice. A few questions related to why Business Analytics why not HR or core was asked, and I was prepared for the same: I was from Electronics Background, I had an Inclination towards the technical side of Business, and data being the new token, it was the future I saw myself in. Questions pertaining to my CV were asked and "Why I wanted to do an MBA" was asked as my final question. It was tense as well as encouraging, where the panellists challenged my understanding of concepts and also were lenient enough when I made silly mistakes.











Always be honest in the interview.

Be very thorough with your resume and have a proper explanation for everything.

Read about Current Affairs and try to have an opinion rather than just knowing about it.

Try to be calm and composed throughout the interview.

Confidence is the key, but overconfidence is never healthy.



# **Nilotpal**

Educational Background: B. Tech (ECE)

**Work Experience** : TEG Analytics

Duration :38 months

#### **Interview Experience**

My interview was an enriching discussion, and the interviewers were very accommodating of all my last-minute nerves and ensured that I felt comfortable enough to talk to them in the virtual model. The interview revolved around my previous work experience and my general interests. They wanted to understand why I wanted to pursue an MBA degree. Due to my work experience in the analytics domain, I was asked how analytics will help us post-pandemic, and some work related questions related to my erstwhile organization was asked. was asked to comment on the "Data the new Oil." statement.

We even had a small conversation regarding my interest in sports and my time management skills to continue following sports religiously along with my rigorous office schedule. I was asked about a few current affairs-related questions, both national and international, to understand my perspective and knowledge. Overall, the experience was very positive and lasted approximately 15 minutes.











Be well prepared with your resume, try to give more and more time to this. Must have knowledge with what you have mentioned in your resume.

Stay updated with recent trends.

Keep calm and composed during interview.



## Sachin Kumar

**Educational Background: B.Com** 

**Work Experience** : Fresher

Duration

#### **Interview Experience**

The first question asked to me by my interviewer was "tell me about yourself". The first few questions were related to my CV. The questions asked to me were fairly easy and most of the questions were in my favour. The interviewer asked about my hobbies and follow-up questions came from that topic also. After that, the questions moved towards general topics, like how I utilized my time during the pandemic, following which the conversation routed towards Farmers' Bill.

They asked me about the last book I had read. After my response, they asked me to summarize it. The interview concluded with them asking me if I had any questions for them. My interview lasted 15-20 minutes.









# **Shubham Garg**

Educational Background: B.Tech (Civil)

**Work Experience** : The New Bajrang L&C CO-OP

Society Itd.

**Duration** : 49 months

#### **Interview Experience**

My interview started with the typical question, "Tell me something about yourself". Answering this in a well-structured manner helped me drive my interview in the direction I wanted.

As I had my work experience in the agriculture sector, a significant part of my interview revolved around the three farm laws that were in the news. Post that, the interviewer touched upon my hobbies and interests and tried to get a basic understanding of why I wanted to pursue an MBA at this stage of my career. My interview ended with the interviewer giving me an opportunity of putting forward any question I had.

## **Key Takeaways**

- Be well versed with everything written in your CV.
- Be confident and honest, if you are not aware about some topic clearly say that you don't know.
- Having a good knowledge of current affairs will help you a lot.
- Be aware of your goals and why you want to do an MBA.
- Always have a good question to ask the interviewers ready.







Be self-assured, truthful, and know each and everything that is written on your CV.

It is vital for a fresher to have a thorough understanding of graduation subjects.

Keep yourself informed on the latest trends in your area of education.



# **Ujjwal Patel**

Educational Background: B.Tech (Mechanical Engineering)

**Work Experience** : Fresher

**Duration** 

#### **Interview Experience**

My IIM Amritsar interview happened online, and the experience of it is far different from that of an offline interview experience. The interview kicked off with the perennial "Tell me about yourself". The following guestions were related to my introduction and the summer training during my under-graduation. They asked me about the company, its achievements, and the learnings that I had gained during that training.

The next set of questions was related to my Start-up. This part of the discussion basically aimed at knowing why I wanted to go for MBA and not continue with my Start-up. This essentially unwrapped my whole journey. As it had been the lockdown time, I was also asked about what I had learned during the lockdown. In the end, the panel then asked me about my future plans, the current idea I was working on, and how a professor would help me in this. In the end, the panel asked me about my academic year gap. Since I was sure of my plan, I faced this question with confidence and justified my answer with relevant examples from my life.

Overall, it was a general interview with follow up questions being asked. I was able to drive the interview with leading answers.

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# **Current Affairs Topics**

2022 Beijing Olympics

The Winter Olympic Games to be hosted in Beijing China in the February of 2022.

Source(s): https://www.nbcnews.com/news/world/beijing-winter-olympics-china-changed-2008-2022-rcnal2047, Official Website

Covid vaccine & Bharat Biotech

Regarding the nasal booster and the implications if the trial is successful.

Source(s): https://www.businesstoday.in/coronavirus/story/bharat-biotech-serum-to-submit-data-on-ongoing-clinical-trials-overseas-govt-320587-2022-01-27

NFTs – Non-fungible Tokens, and how blockchain work

Blockchain technology is en route becoming ever pervasive. Basic knowledge on that, what NFTs are, how does it protect information regarding something's ownership and its monetization etc.

Source(s): Investopedia, https://builtin.com/blockchain

Budget 2022, Economic Survey 2022

The most important documents; a brief but solid understanding.

Source(s): https://www.indiabudget.gov.in/economicsurvey/

https://www.clearias.com/budget-2022-highlights/#:~:text=The%20Budget%202022%20states%20that,incentive%20scheme%20in%2014%20sectors.























# **Current Affairs Topics**

Electric Vehicles in India

The perennial topic of discussion. More of a Point-of-View/ Analytical approach is expected. It also helps having a basic understanding of the present situation to revolve your answers around that. Reading up on what the budget has in store for EV market recommended.

Source(s): https://www.drishtiias.com/daily-updates/daily-news-editorials/electric-vehicles-india-s-future

Air India acquisition by TATA

TATA group acquired AirIndia in late 2021. The road ahead, what led to it, etc.

Source(s): https://www.drishtiias.com/daily-updates/daily-news-analysis/air-india-disinvestment

What Gig Economy is and whether it will help in business growth Again, another one of those analytical questions. Understanding of Gig Economy and its compatibility with the Indian economy is expected.

Source(s): Investopedia

Repealing of Farm Bills

After the huge uproars, the farm bills were finally repealed. Understanding of what led to it and what the implications are.

Source(s): https://www.drishtiias.com/daily-updates/daily-news-analysis/repealing-farm-laws























# Current Affairs Topics

#### Elections during COVID

As states (including Punjab) are gearing up for the elections, it is important to have a perspective on the whys and hows of elections being conducted during the pandemic.

- StartUp Boom in India, and whether Unicorns are just paper tigers
  Analytical question. Understanding of valuations, business models, profitability etc. required.
- India's Rank on Global Indices, such as global innovation index, etc
  India ranked 46th in the Global Innovation Index. January 16 will be celebrated as the national startup day as well.

Source(s): PIB, Various News outlets.

# Apps launched by government organizations, such as Garuda App by The Election commission

Election commission launching the Garuda App for the digital mapping of all polling stations across India.

Source(s): https://indianexpress.com/article/cities/ludhiana/garuda-app-ensure-mapping-polling-stations-punjab-ceo-7585622/























# Introduction to Guesstimates

Guesstimate questions could arise during the interview, and the idea of it is to test the applicant's critical thinking skills. Remember that the right answer doesn't matter- what matters is the approach the candidate takes to reach the answer. A set of sample questions is given in this document; kindly note that the assumptions made during the calculation of the answer can be formed by a healthy discourse by the interviewer and the interviewee. The candidate is free to ask the panellists any questions in areas they seek clarification in.

### Guesstimate No. 1

## Estimate the number of cups of tea that is consumed in Mumbai in a month?

As a primary step, assume that every day of the week is being thought about equally. Tea consumption would possibly lower throughout the weekend as individuals don't go to the workplace. We will go along with the primary assumption. The population of Mumbai can be roughly estimated to be about 2 crores. 20% of these inhabitants are assumed to be youngsters who don't drink tea. One other assumption is that of the remaining inhabitants, 20% are ordinary drinkers, 30% are common drinkers, 20% are occasional drinkers, and 10% are non-drinkers. The ordinary drinkers could also be mentioned to have three cups of tea in a day. Common drinkers could also be mentioned to have one cup of tea in a day. The tea consumption of event drinkers possibly would be a cup per week, and that of non-drinkers none in any respect.

#### Calculating proportions-

Recurring -  $3 \times 0.2 \times 7 = 4.2$ Common -  $1 \times 0.3 \times 7 = 2.1$ Occasional -  $1 \times 0.2 \times 1 = 0.2$ 

Non - 0 Whole = 6.5

Whole cups per week =  $6.5 \times 1.6$  crore = 10.4 crore























# What would be the approximate number of vehicles present in Delhi?

Make clear whether or not the interviewer assumes simply private autos or all vehicles, as Delhi can be an authorities seat. The idea on this answer will probably be that solely private autos are being talked about.

Firstly, the number of inhabitants of Delhi is 2 crores, rounding up. The typical measurement of a household in Delhi could also be mentioned to be 4 individuals, it being a city area principally composed of nuclear households. Additional segmentation could also be as per revenue class or stage. As is customary, 30% of individuals could also be mentioned to belong to the lower class, 50% to the middle class, and 20% to the higher class. The calculation metric would be the variety of vehicles per household. Amongst middle-class households, 50% could also be mentioned to personal an automotive, and the opposite 50% personal no automotive. Among the many upper-class households, it could be mentioned that every one household's personal a mean of two vehicles.

#### Calculating proportions-

Center class households –  $0.5 \times 0.5 \times 1 = 0.25$ 

Higher class households  $-0.2 \times 2 = 0.4$ 

Whole = 0.65

Whole vehicles in Delhi = 2 crore \* 0.65/4 = 32.5 lakhs.























# What number of ping-pong balls can match inside a Boeing 747?

Start by asking the interviewer the dimensions of a ping pong ball. If you don't get a solution, assume a price. To calculate the variety of ping pong balls that match inside a Boeing 747, we are able to start by calculating the amount of a Boeing 747. First, assume the full variety of seats on the aircraft. Then, account for the additional house—the aisles, the galleys, and the washrooms.

The extra house would be the house within the overhead compartments and the house above the passenger's head. Now, divide the amount that you've got calculated by the amount of the ping pong balls that you've got assumed. Don't forget to account for the empty house between the balls.

Let's say there are 400 seats in a aircraft. If we contemplate the aisle to occupy one seat's house, and there are 40 rows with two aisles, that provides 80 extra seats. Allow us to say the realm above the seat is about the identical because the seat itself. That makes 960 seats in whole. The washrooms and galley would possibly add about 20 extra seats, making the full depend roughly 1000 seats.

Every seat could be mentioned to occupy the quantity of quantity a human takes up within the sitting place. Assuming this to be 4 ft x 2 ft x 1 ft, the full seat space is 8 cubic ft. Therefore, the aircraft's whole quantity turns into 8000 cubic ft or 13824000 cubic in. Allow us to say the realm occupied by a ball is 4 cubic inches. The entire variety of balls, therefore, turns into 3456000. Contemplating that balls could be packed solely with about 70% effectivity, the full variety of balls turns into 2419000.























# Estimate the number of tennis balls bought in India per month

A good proxy in this problem is the number of cities in India i.e. ~1700. The catch in this problem is to analyze where all can we use tennis balls. Once we have the number of tennis balls used monthly, we can easily find the number of tennis balls bought in a month using the lifetime of tennis balls. Following is an effective way to segment this population:

Parameters	Possible Tennis ball usage									
Segment Level I			Tennis	Cricket						
Segment Level II		Urban								
Segment Level III	Metro	Tier-2	Small towns	Rural	Metro	Tier-2	Small towns	Rural		
#cities	5	60	1600	5000	5	60	1600	500		
# sectors/cities	100	50	30	10	100	50	30	1		
# grounds/sectors	5	3	2	0	50	40	30	1		
# daily balls consumed	5	3	2		2	2	2			
Total daily balls consumed	12500	27000	192000	0	50000	240000	2880000	100000		
Monthly ball consumption	4.4 Million									

Following were the key considerations in building the segmentation and the intermediate guesses:

- Rural areas have a negligible number of tennis courts.
- · Metro cities have the highest number of sectors.
- For each sector in metro cities, the number of grounds for both tennis and cricket is higher. This is both because of the bigger area and the higher buying capacity in metros.
- The number of balls consumed in metros per ground is higher because of the higher engagement in metros.























# Estimate the number of cigarettes consumed monthly in India

A good proxy for such a problem is the population of India, i.e., 1.2 billion. Following is an effective way to segment this population:

	Population : 1.2 Bn (100%)									
Segment level I		Age above	22 yrs (60%)	Age between 16 & 22 yrs(10%)						
Segment level II	Urban (20%)		Rural (40%)		Urban (3%)		Rural (7%)		Age <16yrs (30%)	
Segment level III	Male (11%)	Female (9%)	Male (25%)	Female (15%)	Male (1.5%)	Female (1.5%)	Male (4%)	Female (3%)		
Avg. cigarettes PM	30	15	5	2	20	10	2	1	0	
Population	132000000	108000000	300000000	180000000	18000000	18000000	48000000	36000000	360000000	
# cigarettes PM	3960000000	1620000000	1500000000	360000000	360000000	180000000	96000000	36000000	0	
Total cigarettes	8.1 Trillion									

Following were the key considerations in building the segmentation and the intermediate guesses:

- The rural population consumes far lesser cigarettes than urban because of the purchasing power difference.
- · Male consume more cigarettes than females in both urban and rural populations.
- · Children below 16 years consume a negligible number of cigarettes.
- · Male to Female ratio in Urban is closer to 1 than that of Rural.
- Male to Female ratio in younger generations is closer to 1 than that of older. This is because of the increase in awareness level.
- The bulk of the population starts smoking after getting into a job and hence the average number of cigarettes are higher in older groups.
- The total number of cigarettes from the supply side also come to around 10 Trillion, which gives a good sense check on the final number.

























"Believe in yourself! Have faith in your abilities! Without a humble but reasonable confidence in your own powers, you cannot be successful or happy."

Norman Vincent Peale

Prepared by: Media & Public Relations Cell in association with Prep Club and Stratagem Club