Cracking the PM interview **

Case Study Solution (Method 2) - Estimate the average number of Uber rides in India in a month.

Case study - Guesstimate

Estimate the average number of Uber rides in India in a month.

Solution (Method 2) - Estimate the rides by Uber in India in a month

In this method, we will look at the number of drivers registered with Uber and use that as the base to estimate the rides made by Uber in a month in India.

According to public estimates, there are 8 lac drivers registered with Uber in India. Let's assume only 50% of these are active. The reason for this is that drivers may be driving on their own as well without Uber or certain drivers may be registered with both platforms Ola and Uber, or with other smaller platforms as well.

Let divide these drivers into 3 categories based on the number of rides they will be making in a day:

Category 1: High (8 rides/day) - These are full-time drivers who drive Uber to earn their wages.

Category 2: Medium (4 rides/day) - These are part-time drivers who drive Uber in their free time to earn additional income.

Category 3: Low (2 rides/day) - These are part-time drivers who drive Uber only in specific cases to earn additional income.

Solution (Method 2) - Estimate the rides by Uber in India in a month

Let's split the 4 lac driver count into the three buckets:

High - 33.3% \rightarrow 1.33 lac drivers

Medium - 33.3% \rightarrow 1.33 lac drivers

Low - 33.3% \rightarrow 1.33 lac drivers

Now, calculating the total rides in a day:

- → (Number of drivers in high category*Number of daily rides in high category) + (Number of drivers in medium category* Number of daily rides in medium category) + (Number of drivers in low category*Number of daily rides in low category)
- \rightarrow 1.33*8 + 1.33*4 + 1.33*2 lac rides/day
- \rightarrow 18.6 lac rides/day

Multiply by 30 to get monthly rides

 \rightarrow 18.6*30 = 5.6 crore rides/month

All modules

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