

Data Analyst Process

DESIGN

Scenario:- Going to Manashakti Centre Lonavala from Panvel

Deciding how to travel from Andheri to Panvel is like picking the best way to get there. It's not a quick decision; you think about things like time, cost, and comfort. You look at all the options, consider possible issues like traffic, and choose what fits you best. Your decision shows what matters to you, and it's not just about reaching Lonavala, it's about reaching it your way. And the journey doesn't stop there; you stay flexible, adapting to changes as needed.

The following steps would be taken by the person while making the right decision:-

- **Step 1 Plan**

First, one will decide which mode of transport will be most preferable i.e. Roadway or Railway. In Roadway one has two options i.e. Either he/she should take a Uber, Ola, Meru etc. or a BEST/NMMT/MSRTC bus. In Railway, one options is Express train, Spf, etc.

- **Step 2 Prepare**

If one wants to go by roadways he can choose ola, uber, personal cars, he/she depends on how much it will cost to book a prime car or bus ticket. If one wants to go by railways he/she can choose a tran ticket between different classes (seater, sleeper, ac3tier, etc) in which he/she can choose which railway line or route can take.

- **Step 3 Process**

One needs to think whether he/she which of the above-mentioned route will make his/her journey fast, comfortable as well as is cost effective.

- **Step 4 Analyze**

It's Obvious that if one is travelling alone no/some extra luggage/bag, he/she will not opt to pay Rs.3000-4500 on Uber/Ola/Meru Cab along with the toll-charges (at Mumbai Pune Expressway) The time taken by road to reach Lonavala from Panvel is almost 1.5 – 2 hours. But

the same transit can be done via Railway in just 50 minutes to 1.5 hour (depending upon type of train Fast or Slow) . One can opt for the first-class ticket which costs around Rs.500 else can go for the second-class ticket which costs for just Rs.300 or seater second ticket for rs 175. Or hr/she can choose nmmt/msrtc etc busses. Which will cost 150 rs.

- **Step 5 Share**

After finally going through the above-mentioned steps one can just book a direct cab through the respective (OLA, UBER, MERU, etc.) apps. Else one can go to the station and ask for the ticket (First-class, second-class, seater etc) from the ticket window, or could use an ATVM (Automatic Ticket Vending Machine) for buying the tickets via the ATVM card or just using UPI for the payment, or one could directly book his/her ticket via the UTS app. Or Book ticket at bus station for roadways for nmmt/msrtc etc buses.

- **Step 6 Act**

After buying ticket or booking cab, settle down on your seat(it is little bit tough to get empty seats around you in train) but enjoy the route with crowd and fun until reaches to destination.

CONCLUSION

Hence, we have seen that how we can use the 6 steps of Data Analytics while making any decision in real life scenarios(finding the best route from Panvel to Manashakti lonavala in our case).

The 6 steps of Data Analysis use in making real life decisions are:-

1. Plan
2. Prepare
3. Process
4. Analyze
5. Share
6. Act