

Data Analytics Process: Real World Application

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Data Analytics

Data analytics is a science of analyzing the raw data to make the conclusion about that information in a most systematic way.

By using this technique we can increase the Production of our Business or system.

Now-a-days data analytics plays an important role in making decisions more scientific and helping businesses operate more effectively.

We are using this technique in our daily basis to increase the productivity and remain profitable.

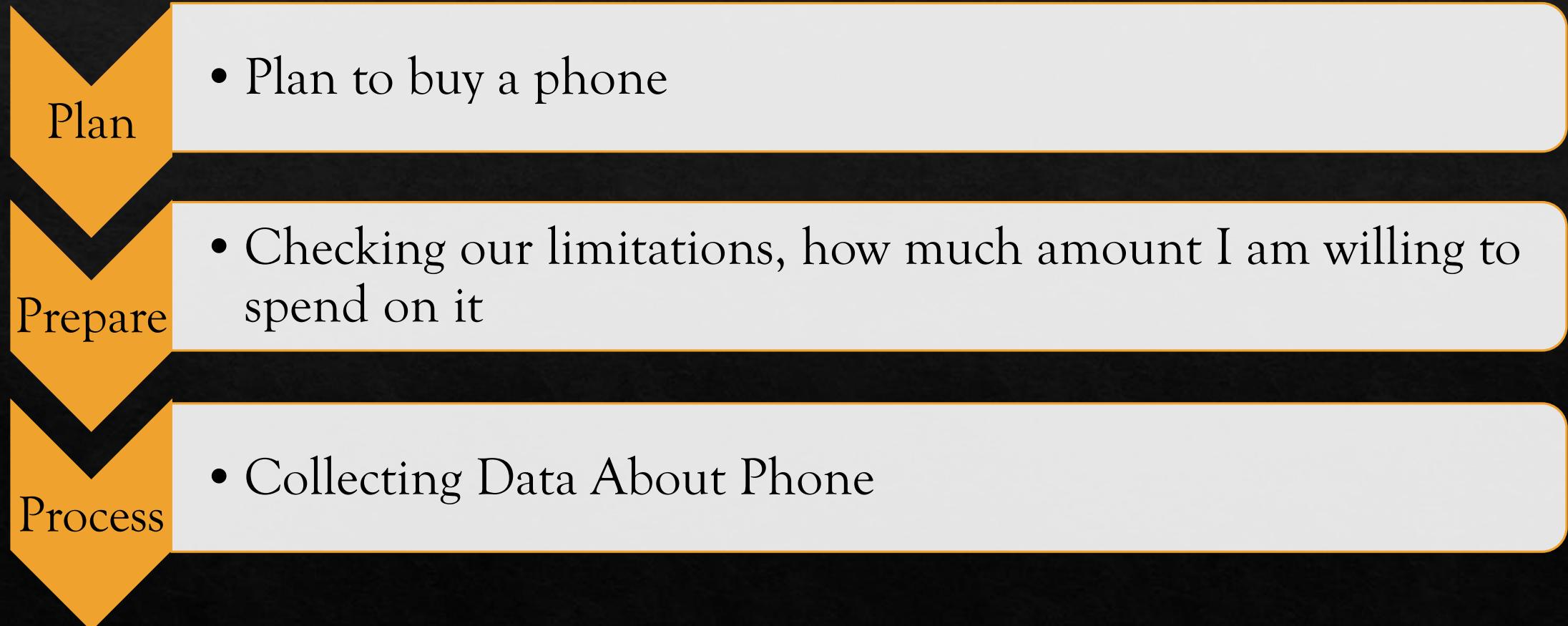
Case Study: Data Analytics in Real life Scenario

- ❖ Task is to give the example of such a real-life situation where we use Data Analytics and link it with the data Analytics Process.
- ❖ Using the Process-
- ❖ PLAN
- ❖ PREPARE
- ❖ PROCESS
- ❖ ANALYZE
- ❖ SHARE
- ❖ ACT

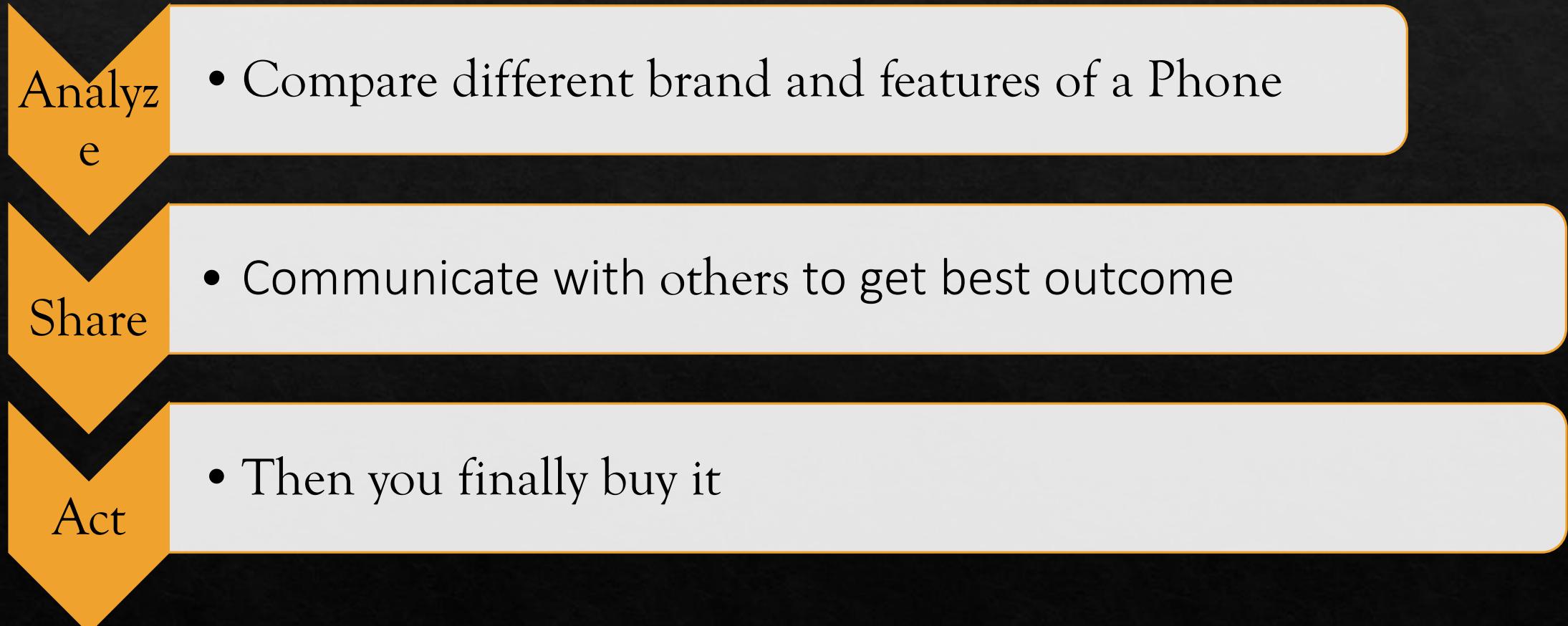
Scenario

- ❖ We are living in the period where all the people having mobile phone some have smart phones and some people still having a dream to buy a smart phone.
- ❖ So, for those people who are planning to buy a new smart phone firstly they go through on google to find the latest one having extraordinary features. They search and ask people about the different brands, features, battery backup and so on about the phone.
- ❖ Then they set their budget. In which they can buy a latest one from the market.
- ❖ So, lets Summarize the data analytics we use without knowing it and application of data analytics in a daily life.

Scenario: Purchasing a Phone



Continue...



Proceeding with Data Analytics Steps:

1- Planning:

- ❖ In Data Analytic, the first step we take towards is Planning, we first Plan and then process suitably.
- ❖ In our daily life we also do planning before execute or take action. Because following these steps can help us to get better result on a real time basis.
- ❖ Example : We are planning to buy a new Phone and we plan it accordingly.



2- Preparing :

After planning we prepare for further Procedure like we firstly have to understand the data and then finalize the important Steps to do.

In this Scenario we have to prepare the necessary documents which we need to buy a Phone like : Aadhar Card, Pen Card, Voter id & Passport etc.



3- Analyze :

- ❖ This is the most important step in data Analytics.
- ❖ In data Analytics we invest most of the time to analyse the data.
- ❖ We compare different Brands, Cost and Features with Trending phones models, etc.
- ❖ Then we take the best one that comes under our budget.



4- Share :

In data Analytics we do communication with our teammates, what outcome is coming to us as the form of results and the next step about that outcome.

Same as in our case we do communicate with people like ; our friends, family members and so on about the phone which we are planning to buy.

When we share our idea about the phone with those peoples who have better knowledge about the latest phone. So that you can get better context about your plan.



5- **Act** : Then you finally buy it either from an online portal or visit the shop physically . Once you bought it, you can explore the latest feature of the phone & enjoy.

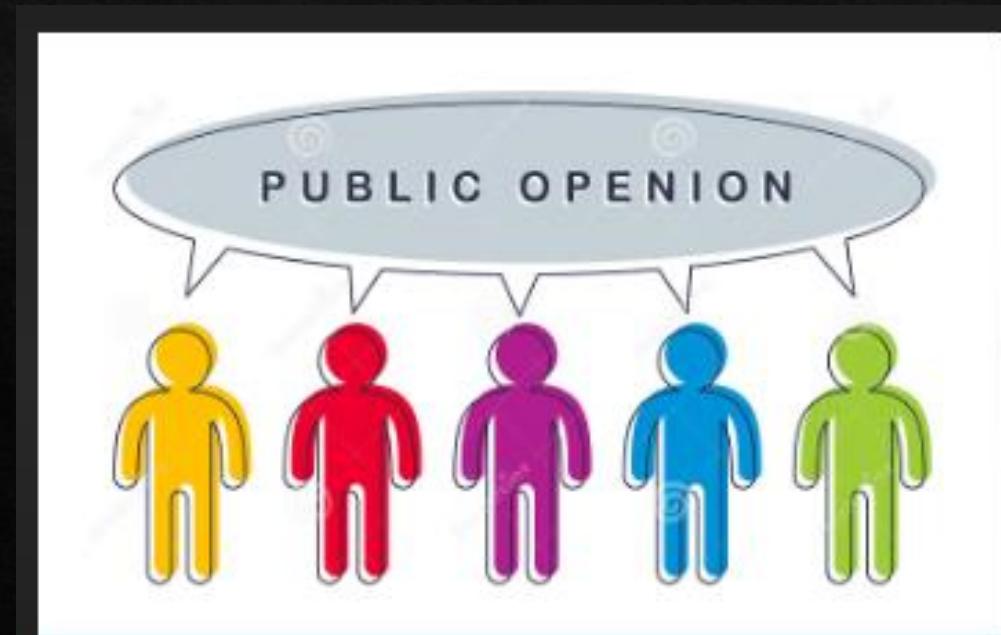
- ❖ If you buy from an online portal than you don't need to share any ID just choose it and pay. For delivery you need to enter your address.
- ❖ If you visit the store physically then you need to show your I'd. so that store can provide you the bills and warranty card.



CONCLUSION

- ❖ In our whole scenario we find that Data Analytics Plays An Important role in our Daily life. Only the difference is generally people do not have knowledge about Data Analytics so they do not follow the Step wise Procedure, but they use the same Technique.
- ❖ Key Takeaways :
 1. Before execute any plan you must have whole information about that data with better resources that can help you to reduce your time and get better result.
 2. Prepare an overall summary about your work before proceeding.

3. Analysis help you provide a different resources from where you can get data as per your requirement and provide you a systematic way to prepare the detail about that data.
4. Sharing your views with others will help you to get a correctness and different opinion to analyse the same data from different sights.



THANK
YOU