



ANALYTICS WITH MANOJ



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DATA ANALYTICS CHALLENGES & THEIR SOLUTIONS



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Data analytics is using data to find out useful things and make better decisions.

Here are some of the problems and how to solve them:



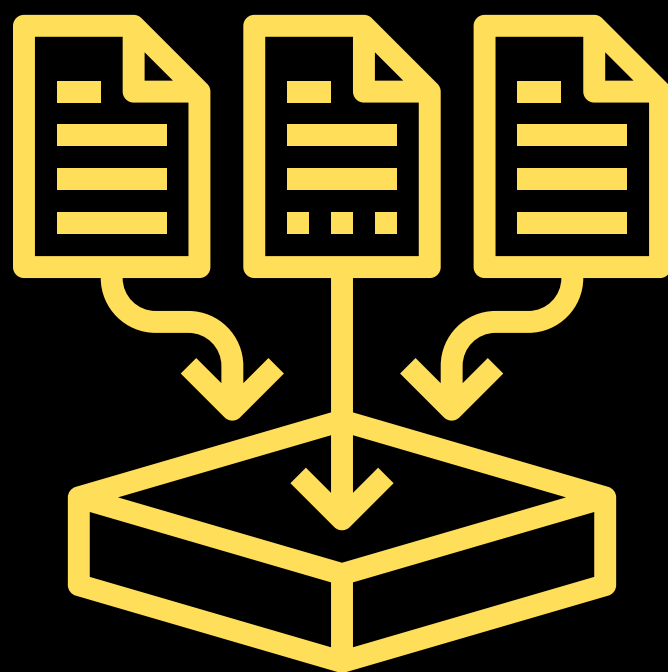


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PROBLEM 1: COLLECTING GOOD DATA

The first problem is collecting good data that is related, correct, and complete.

Collecting bad data can lead to wrong or confusing results.





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SOLUTION

To solve this problem

Businesses should define their data goals and sources, and apply tools and methods to verify and enhance the data.

For example:

A shop can use customer feedback, purchases, preferences, etc. from online and offline sources to get data. It can also use tools to correct and improve the data.

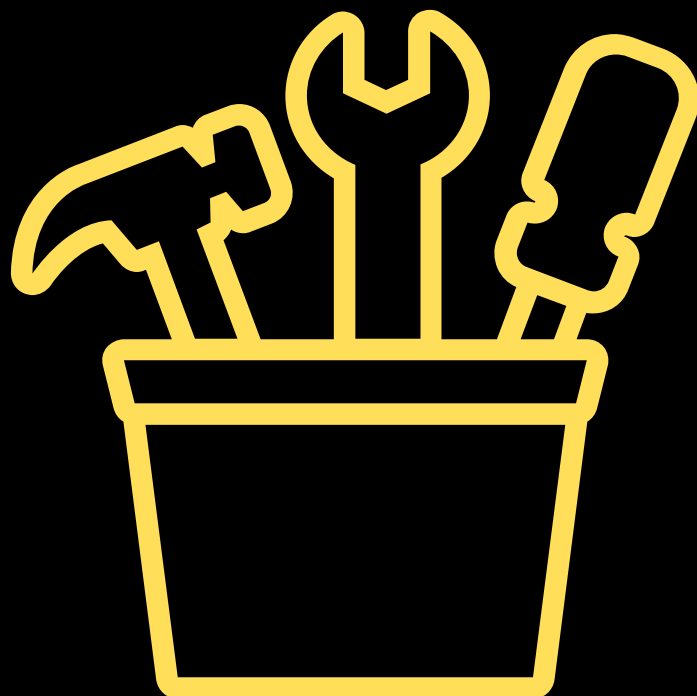




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PROBLEM 2: CHOOSING THE RIGHT TOOL

Another problem is finding the right tool that matches the business needs and goals. Data analytics tools vary in features, costs, and usability. The wrong tool can cause poor performance, collaboration issues, data loss, or money waste.





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SOLUTION

To solve this problem

Businesses should match data needs with tool's features and quality. They should also weigh scalability, compatibility, usability, and cost. Also test and train team member before choosing it.

For example:

A health organization might want to improve its care with patient data. It might pick a tool that can:

- Handle different data sources.
- Do advanced data tasks, nice visuals and reports.
- Easy to train it's staff on.





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PROBLEM 3: BUILDING A DATA CULTURE

A third problem is making a data culture that fosters trust, teamwork, and innovation.

Data culture is how people use data for decisions and problems.

However, data culture can be hard because of things like resistance to change, lack of skills, or lack of rewards for using data.





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SOLUTION

To solve this problem, businesses should:

- Tell employees their data goals and reasons.
- Give them enough training, tools, and resources for data.
- Praise and reward them for data use and encourage them to experiment and learn.

For example: A factory might want to improve and lower its production. It might:

- Tell employees its data goals and benefits
- Train them on data analytics tools and methods.
- Praise and reward them for meeting goals or finding new savings with data.





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