



User requirements :

①

- Exploration & cleaning of the attached data

↳ Q: sales forecasting (using python)

- Visualize most important data or information in Tableau
- Approach for large amount of dataset ;

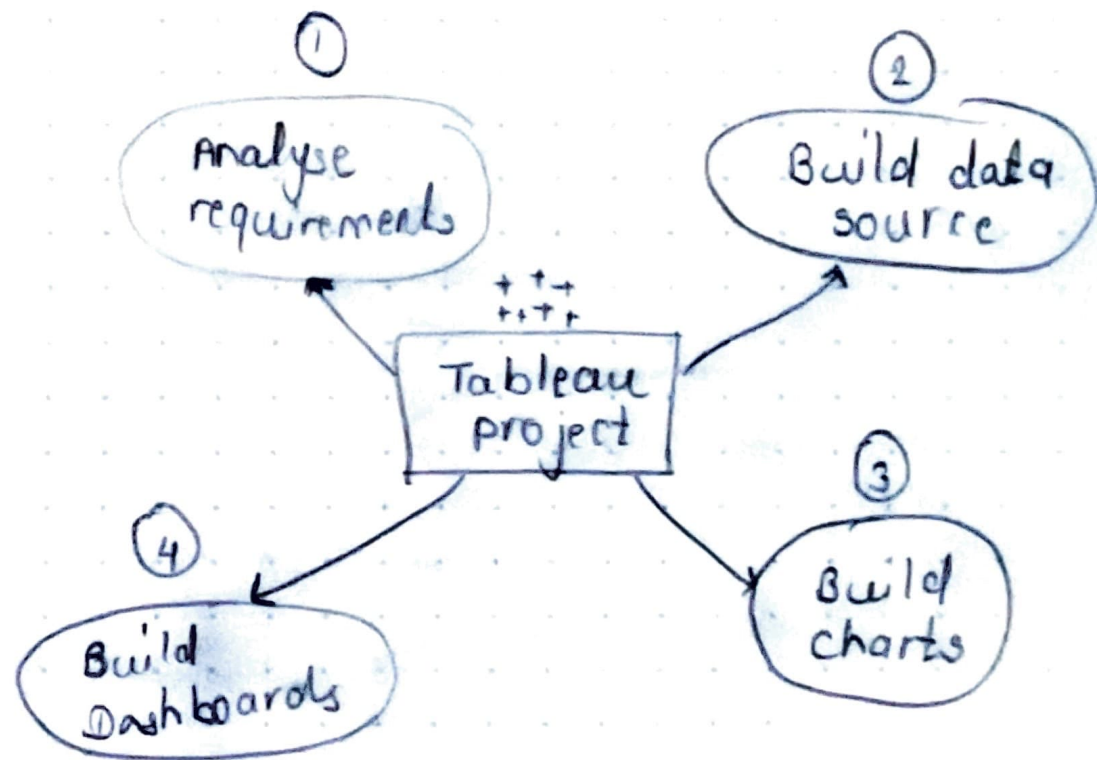
② Building data source

- Data cleaning (replacing null)
 - ↳ creating new measures
 - ↳ adding data values to empty data
- Sales over time
 - ↳ Bar chart for sales-vol for yearly, monthly & quarterly
- Sales by product
 - ↳ sales analysis for each product
- Promotion Impact
 - ↳ line graph for each product based on year & promotion flag
- Discount effectiveness
 - ↳ scatter plot to test discount effectiveness

steps: - connect Data

- create data model
- Rename field & tables
- check data types
- understand data

- create calculated fields & test
- Build chart
- Format
 - ↳ - Remove lines & grids
 - clean up axis & headers
 - coloring
 - tooltips



④ Build Dashboard

- Draw mockup for container
- create container structure
- Put all charts together
- Format
 - ↳ - distribute object evenly
 - format color, size
 - fit entire view
- add filters & dynamic
- add icons

