Imp. Skills For Data Analysts
→ playlist

P → Data Prepration

C → Number crunching

S → Story telling

Q → Asking Question

T → Technology

P = Data Preparation

1) Data Source (Read data from different sources)

2) Data cleaning
   - Remove duplicates
   - Blank & Error
   - Missing values

3) Combining Data
   (from 2 source)

4) Data Transformation (as per our req. chart is made)

C = Number Crunching

(1) Statical Analysis
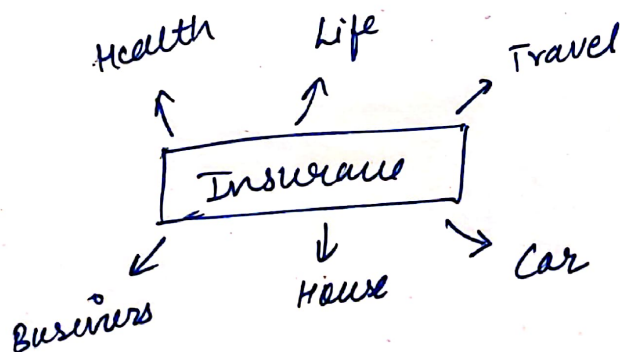
- Mean
- Median
- Mode
- Distribution

(2) Functional Analysis

eg: Insusurace client working

then;

Quick learn about Insurance Industry

Health   Life   Travel

Insurance

Business   House   Car

(3) Ad-hoc Analysis

- Trend analysis
- chart
- frequency distribution

+ Data ⟶ Quickly analyse & produce output

(4) Experimental Analysis

→ design a choice based system
(A or B)

→ Measure performance & analyse it

$$\boxed{S = \text{Story Telling}}$$

→ as a <u>Data Analyst</u>
        ↓
we make make things for someone

~~xxxxxxxxxx~~

- what charts to make
- Story - telling chart
- Foumatting chart to make attractive
- Presentation

* Build your <u>Persuasion skills</u>
                    ↓
        to convince someone for
                something

- Practise
- Test & Improve (feedback)

* Sense of <u>Visual Design</u>

- Use of font, colour, design work
- make creative

Q = Asking Question

→ ability to ask right question

- why do we need this?
- what should be included in it!
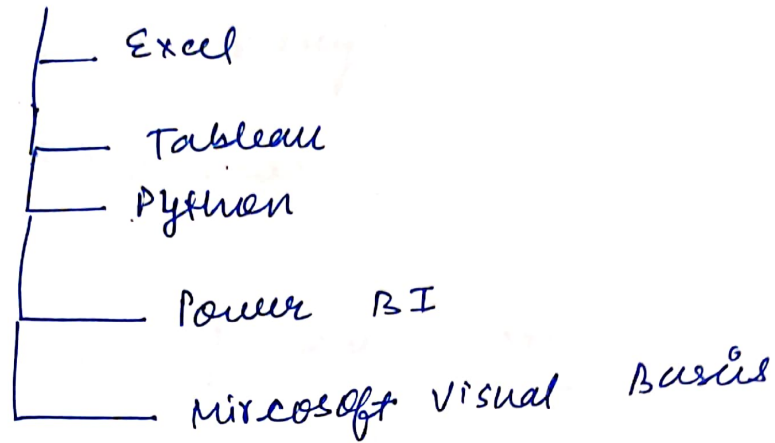- Any exclusion?
- How to display it?
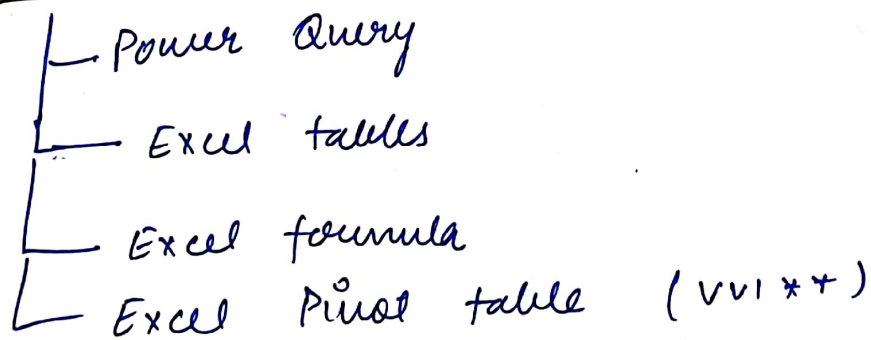
⇓

for prepaing any Data sheet

- motivation behind this

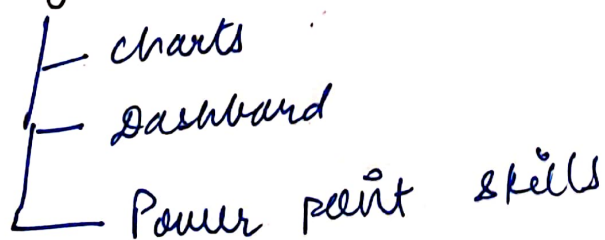→ Learn about ur business
  (line of work)

T = Technology

- Excel
- Tableau
- Python
- Power BI
- Mircosoft Visual Basics

Key Excel Skills to become Current Data Analyst

1) **Data Analysis**
   - Power Query
   - Excel tables
   - Excel formula
   - Excel Pivot table (vvi**)

2) **Story Telling**
   - charts
   - Dashbard
   - Power point skills

Automation

- Power Query
- VBA Macros

$\}$ → To prevent Errors.