



# Data Visualisation

## Enhancing Insights

9<sup>th</sup> December 2023

**CA Sanjib Sanghi**  
Vice-Chairman EIRC of ICAI  
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Transforming Complexity into Clarity

# ABCD of FinTech Services



**Artificial  
Intelligence**



**Blockchain**



**Cloud  
Computing**



**Data**

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# Importance of Data

- ❑ **Informed Decision-Making** – Analysis and Trend Identification
- ❑ **Financial Reporting** – Compliance and Transparency
- ❑ **Performance Evaluation**
- ❑ **Budgeting and Forecasting**



**LET'S TRY it**

**Practically!**

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# What is Data Visualisation

- ❑ Representation of Data
- ❑ **Clear** and **Concise** Presentation of Complex Data
- ❑ Converting Complex Data to **Interactive**
- ❑ **Storytelling** – Convey a Message

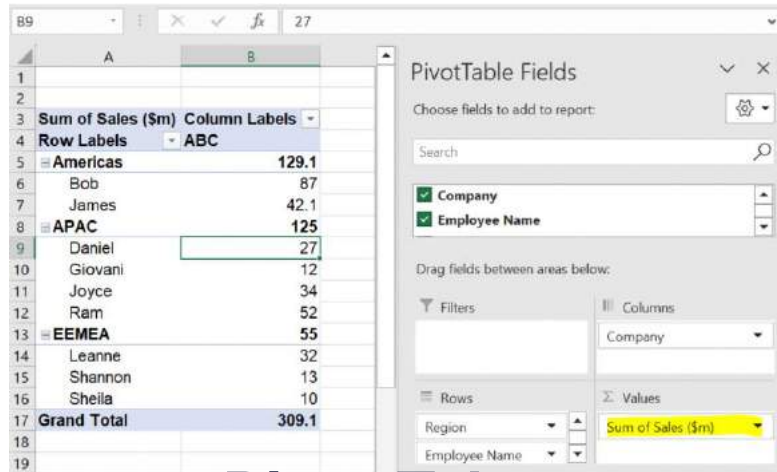
**Narrate Data  
as a Story!**



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# Popular Software for Data Visualisation

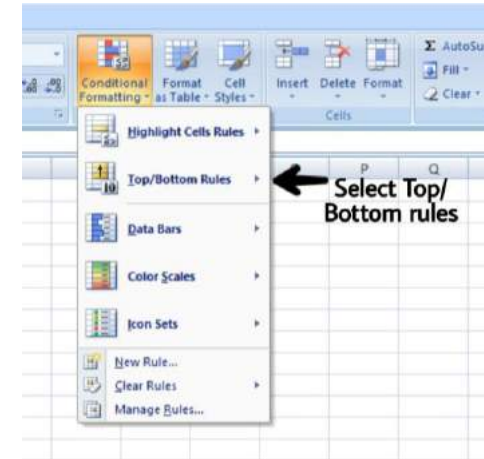
## Microsoft Excel – Tools and Functions



**Pivot Tables**



**Charts and Graphs**



**Conditional Formatting**



**Excel with Python**

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# Popular Software for Data Visualisation



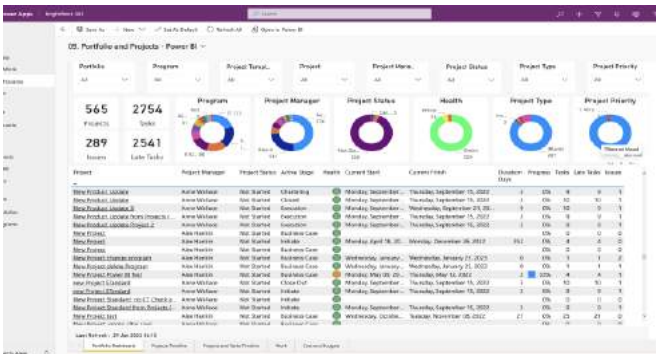
Data Studio



Google  
Data Studio



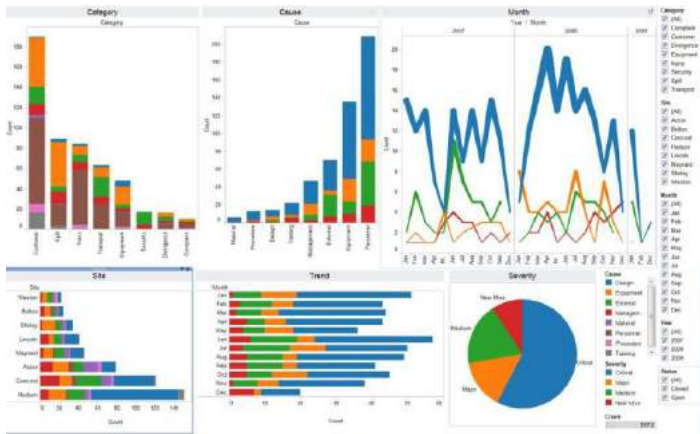
Power BI



Microsoft  
Power Bi



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Tableau

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# Tips for Effective Data Visualisation

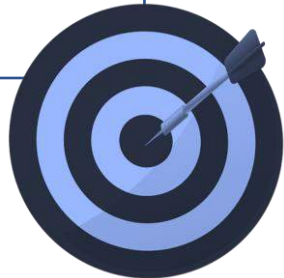
**Keep it Simple** – Avoid Unnecessary Complexity



Meaningful **Labels** and **Titles**



Ensure **Accuracy**



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# Thank You

**Please Contact me for Any Queries**



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