



Techniche 2020  
Internship and Placement Workshops

**Telling stories with Data using  
Analytics and Visualization**

## **Session 1: Mastering MS Excel**

- Excel formulas and functions (Mathematical, Date and Time, Logic Formula, Financial Formula), VLOOKUP, HLOOKUP, Pivot Table.

## **Session 2: Regression and Visualizations**

- What-if Analysis- Goal Seek and scenario analysis, Sensitivity Analysis
- Types of charts, Use-cases, Choosing colours and shapes

## **Session 3: Presentation**

- Storyline and concept of “Skeleton”
- Keyboard Shortcuts, Templates, Slide Master, Functions of charts
- Visual Charts- Waterfall, Stacked Bar

## **Session 4: Introduction to advanced tools**

- Advance Excel
- Introduction to VBA and Macros
- SQL
- Tableau and R