

## Tableau Day 2 – Short Notes

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### Data Source Pane Operations

- Rename, Copy Values, Hide/Unhide, Aliases, Describe
  - Create Calculated Fields, Create Groups, etc.
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### Tableau Shelves

- **Rows / Columns:** Build chart layout
  - **Marks:** Add color, labels, size, detail, tooltip
  - **Filters:** Restrict data displayed
  - **Pages:** Animate data for time-based changes
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### Chart Types

#### 1. Bar Chart

- Compares categorical data
- Vertical = Column Chart
- *Example:* Region vs. SUM(Sales)

#### 2. Pie Chart

- Circular chart showing proportions
- *Example:* Category vs. SUM(Sales)

#### 3. Stacked Bar Chart

- Breaks bars into segments
- *Example:* Region-wise Category breakup vs. SUM(Sales)

#### 4. Discrete Line Chart

- Shows month-wise total across years
- Uses **Discrete Date (Blue Pill)**
- *Example:* MONTH(Order Date) vs. SUM(Sales)

#### 5. Continuous Line Chart

- Plots every month of every year
- Uses **Continuous Date (Green Pill)**
- *Example:* MONTH(Order Date) vs. SUM(Sales)

## 6. Symbol Map

- Geographical data shown with circles
- *Example:* State-wise SUM(Sales)

## 7. Filled Map

- States filled with color based on measure
- *Example:* State-wise SUM(Sales)

## 8. Text Table

- Excel-style table with discrete dimensions and measures
- *Example:* Category, Sub-Category vs. SUM(Sales), SUM(Profit)

## 9. Highlight Table

- Text table with background color showing value intensity
- *Example:* SUM(Sales) with color scale

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## Marks Card Options

- **Color:** Visual color difference by dimension/measure
- **Size:** Adjust shape size by value
- **Text:** Add labels
- **Detail:** Add more breakdown info
- **Tooltip:** Hover details + insert worksheets

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## Formatting

- **Font / Alignment / Shading / Borders / Lines**
- Format measure units (K, M, etc.): Right-click → Format → Pane → Numbers → Custom