

**Meaning of Synthesis** Synthesis means combining different elements to form a new, unified whole. In the context of data, synthesis refers to integrating or merging multiple datasets to generate new insights, patterns, or conclusions.

- 3– **Data Integration** – Merge or join datasets based on common attributes (e.g., using SQL joins, data fusion techniques, or APIs).
- 1– **Data Collection** – Gather relevant datasets from different sources.