**Data analyst workflow**

Data analysis workflows typically consist of the following steps:

1. Data collection: Collecting and aggregating data from various sources such as databases, spreadsheets, APIs, or cloud services.

2. Data cleaning and preparation: Removing duplicates, dealing with missing or inconsistent data, and transforming the data into a format suitable for analysis.

3. Exploratory data analysis: Analyzing the data to gain a preliminary understanding of the relationships between variables and to identify trends, patterns, and outliers.

4. Data modeling: Building predictive or descriptive models to answer specific questions or make predictions about future outcomes.

5. Validation and testing: Validating the models by testing them on new data, evaluating their performance, and making adjustments as needed.

6. Data visualization: Visualizing the results of the analysis in a clear and understandable manner, using tools such as bar charts, line graphs, heat maps, or scatter plots.

7. Reporting and communication: Communicating the results of the analysis to stakeholders in a clear and concise manner, both verbally and in writing.

It's important to note that the exact steps in a data analysis workflow may vary depending on the specific problem being solved and the tools and techniques being used. However, these steps generally form the backbone of most data analysis workflows and provide a structured approach to data analysis.