# DATA ANALYST

## INTRODUCTION

- Statistics and Probability
- Mathematics
- Algebra



- Excel
- Learn basic and advanced Excel functions.
- Understand data cleaning and manipulation techniques.
  - Create pivot tables and use data visualization tools

# **SQL**

- Learn to query databases using SQL.
- Understand joins, subqueries, and aggregations.
- Practice writing complex SQL queries.

#### **PROGRAMMING LANGUAGE**

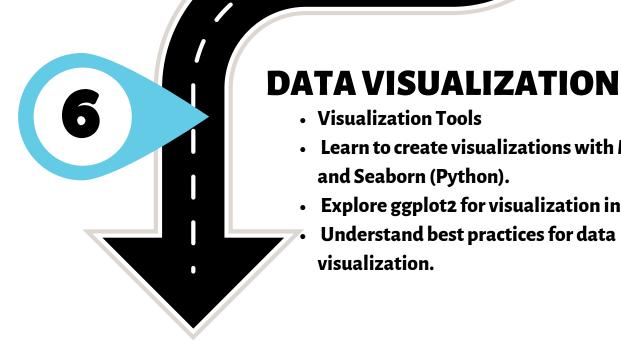
- Explore libraries for data analysis (Pandas, NumPy).
- Understand data cleaning, transformation, and analysis using Python.

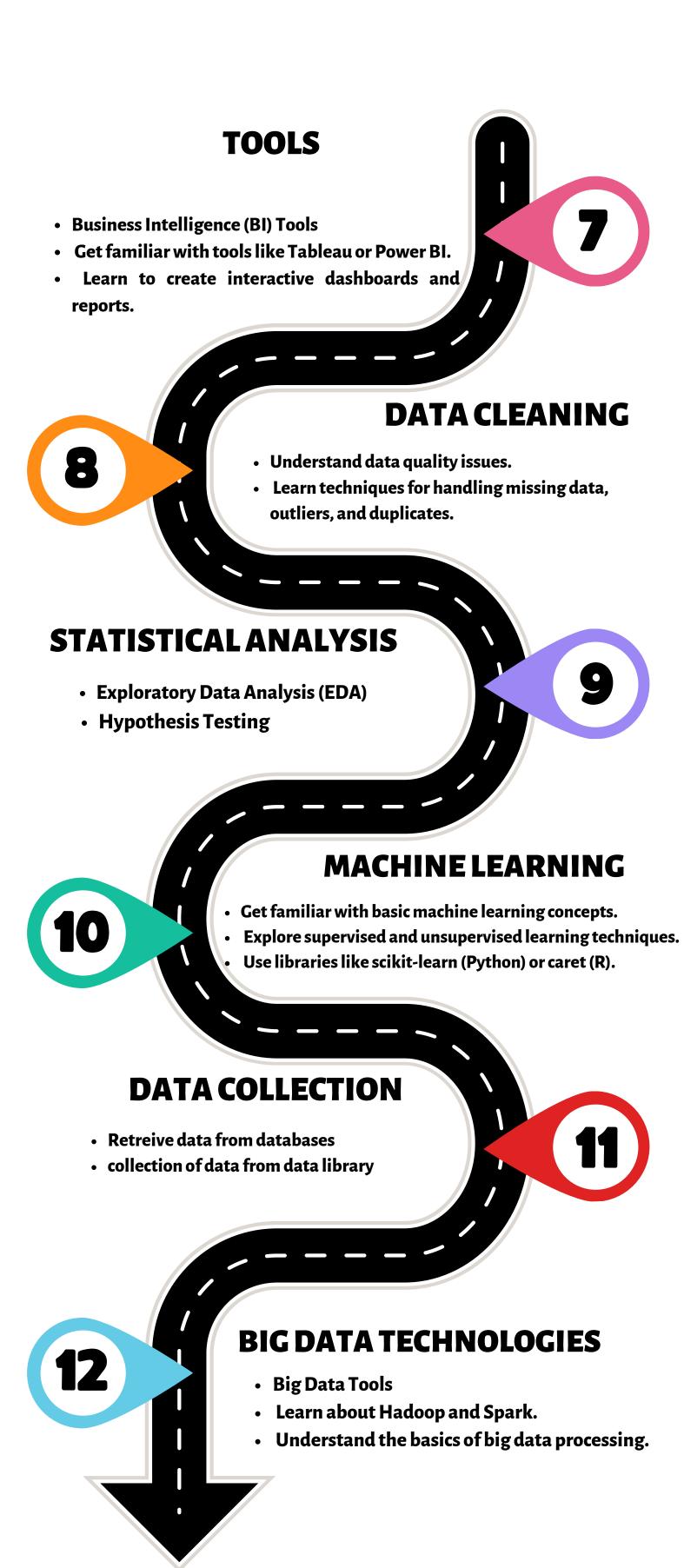
### **LANGUAGES**

- Use R for statistical analysis and visualization.
- Explore data manipulation with dplyr and tidyr.

- Visualization Tools
- Learn to create visualizations with Matplotlib and Seaborn (Python).
- Explore ggplot2 for visualization in R.
- Understand best practices for data visualization.







#### DATA ANALYST

INTRODUCTION:-<a href="https://youtu.be/yZvFH7B6gKI?si=-M-">https://youtu.be/yZvFH7B6gKI?si=-M-</a>
<a href="https://youtu.be/yZvFH7B6gKI?si=-M-">IYnHam4cMyo-d</a>

DATA MANUPULATIONS AND ANALYSIS:-

https://youtu.be/gWnDsnQr7GY?si=POp6fx-EsXIB8q1j

SQL:-

https://youtu.be/I8DCPaHc5TQ?si=rPXq UvId5f74zNm

DATA VISUALIZATION:-

https://youtu.be/MiiANxRHSv4?si=l3eaHQZ8aA9OOpA

TOOLS:-<a href="https://youtu.be/eG-">https://youtu.be/eG-</a>

EmWX6El4?si=3yAVg1l8FEifQflx

DATA CLEANING:-

https://youtu.be/ITy8R4278sk?si=iToA5Nj 6uj5uuuk

STATISTICAL ANALYSIS:-

https://youtu.be/vppdZ0H63XY?si=nlS5wzOg-USnlas9

**MACHINE LEARNING:-**

https://youtu.be/GwIo3gDZCVQ?si=hnueIx16PuJj7fj-

DATA COLLECTION:-

https://youtu.be/BICowhKxLNw?si=JWHxn1qJTn5AZ-h4

**BIG DATA TECHNOLOGIES:-**

https://youtu.be/Pyo4RWtxsQM?si=ZqIGCi0JCsTP1iER