

DATA ANALYTICS BOOTCAMP

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UNDERSTANDING DATA ANALYTICS

□ WHO IS A DATA ANALYST?

A data analyst is a professional who collects, cleans, analyzes, interprets data to discover trends/patterns and insights.



UNDERSTANDING DATA ANALYTICS

❑ SKILLS REQUIRED OF A DATA ANALYST.

Hard skills:

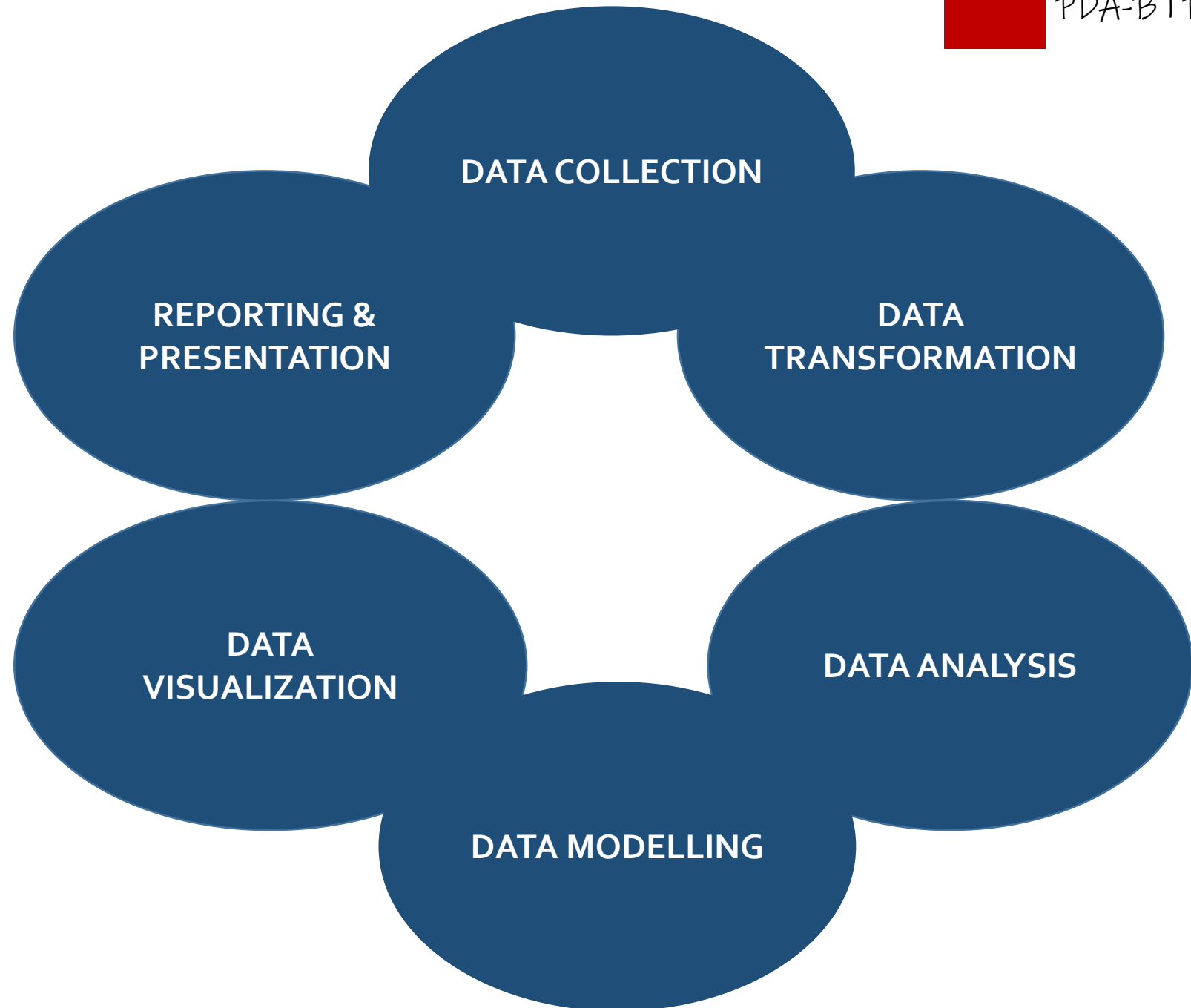
Analytical skills.
Statistical knowledge.
Programming skills.
Data visualization.
Database management.

Soft skills:

Critical thinking.
Communication skills.
Attention to details.
Problem-solving skills.
Curious mindset.

UNDERSTANDING DATA ANALYTICS

❑ RESPONSIBILITIES OF A DATA ANALYST.



UNDERSTANDING DATA ANALYTICS

□ DIFFERENCE BETWEEN "DATA ANALYTICS", "DATA ANALYSIS", AND "DATA SCIENCE".

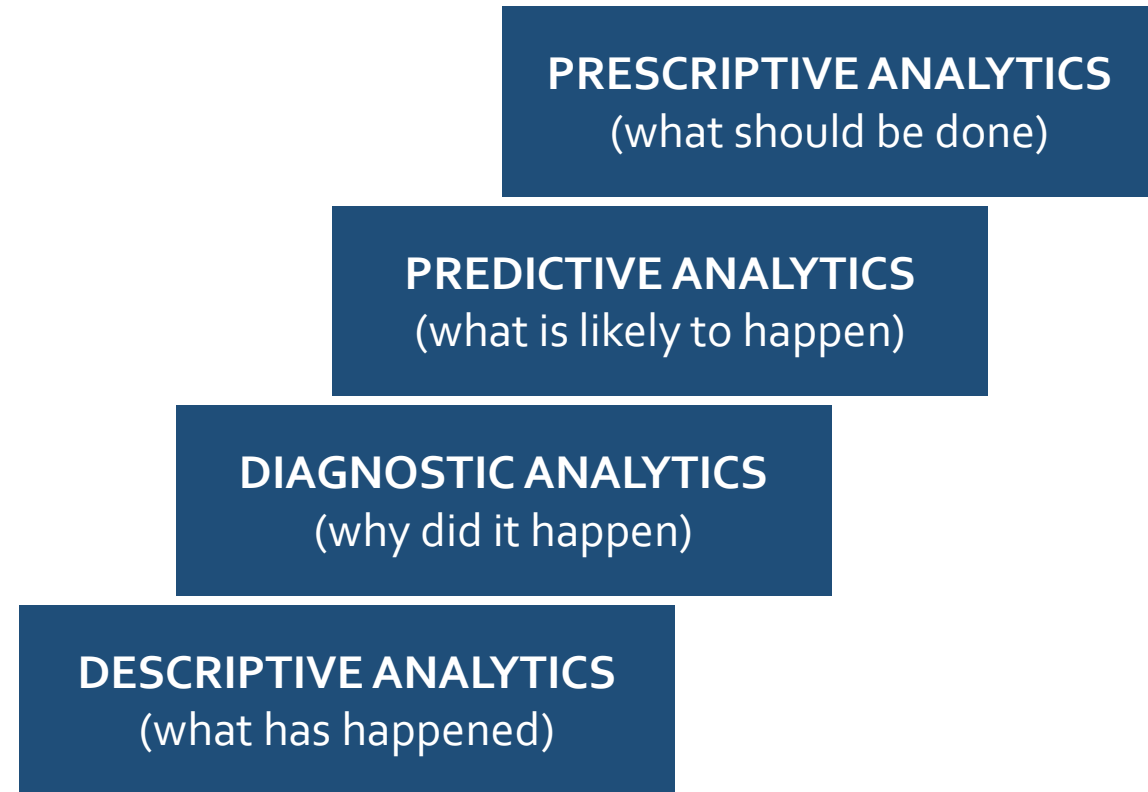
Data analytics is a science that deals with analysis of data.

Data analysis is the process of inspecting, cleansing, transforming, and interpreting data to extract meaningful insights.

Data science is like an umbrella that covers data analytics, statistics, machine learning etc.

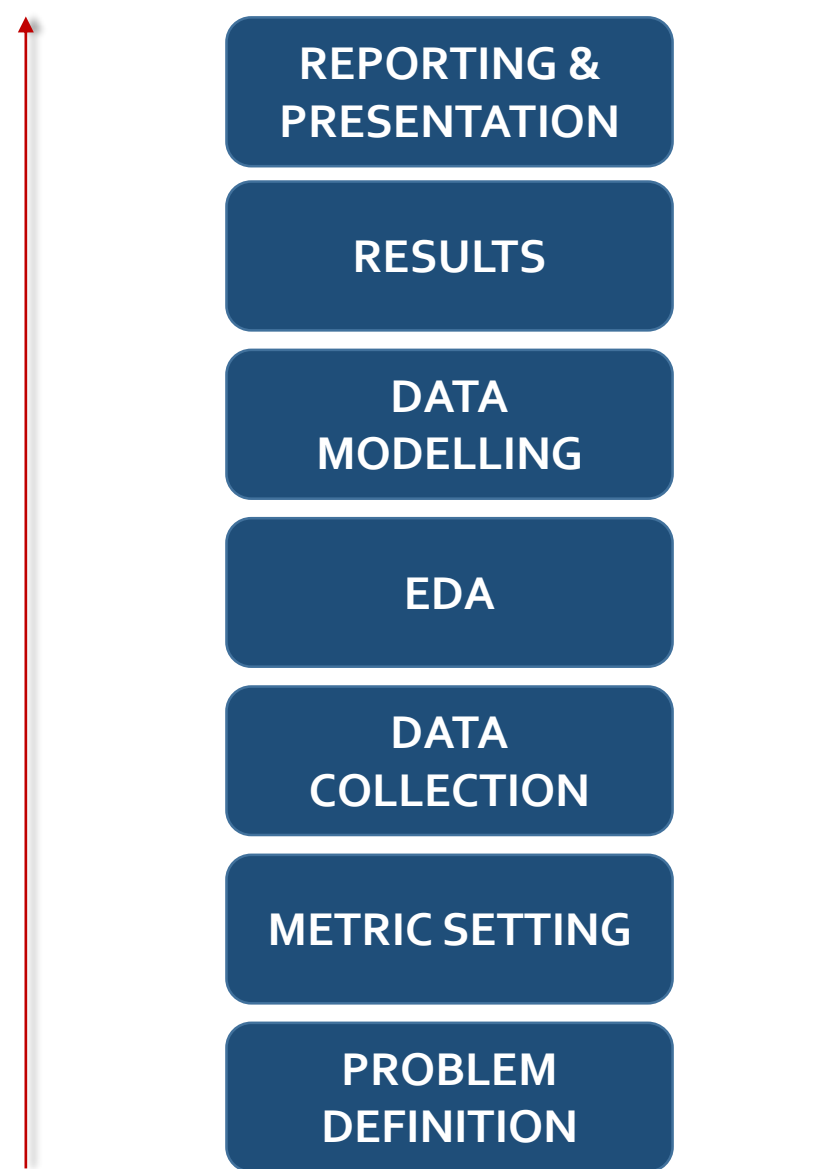
UNDERSTANDING DATA ANALYTICS

□ TYPES OF DATA ANALYTICS



UNDERSTANDING DATA ANALYTICS

❑ LEARN THE DATA
ANALYSIS
PROCESSES.



UNDERSTANDING DATA ANALYTICS

□ DATA ANALYTICS TOOLS.

MS
EXCEL

MS
POWER
BI

SQL

PYTHON

SPSS

TABLEAU

R

ETC...

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