DATA ANALYST VS **DATA SCIENTIST**

Qualification, Responsibilities, Salary and Skills/tools used

Role Description

Data Analyst

Data Analyst is the person who understands what happened in the past and why it happened.

Data Scientist

Data Scientist is the person who predicts what will happen in the future and what action can be taken.

🎓 Qualifications

Data Analyst

Bachelors degree is needed

Data Scientist

Masters or higher is preferred

Responsibilities

Data Analyst

(1)Understanding Business Requirements

(2)Gathering and Cleaning Data

(3)Processing data

(4)Creating reports for business leaders

(5)Collaborating with people

Responsibilities

Data Scientist

(1) Use current data to discover future opportunities

(2) Obtain and clean Data

(3) Exploratory Analysis (understanding characteristics before deciding how to model it)

(4) Apply data science techniques, such as machine learning, statistical modeling, and artificial intelligence

(5) Present findings

Salary Expectations

Data Analyst

Entry Level: 2 Lac to 10+ Lac, Average is 4-5 lacs per annum

Data Scientist

Very rare to get entry level jobs in data science, companies usually prefer at least 1-2 years of experience. Salary for 2-3 years can range from 4 lacs and go up to 20 lacs + per annum

Tools & Skills

Data Analyst

Excel, PowerBI/ Tableau, SQL, Python/R, Statistics

Data Scientist

SQL, Python/R, NLP, Statistics, Apache Spark, SAS/SPSS, Jupyter Notebooks, TensorFlow, Pytorch,Keras