**Major Roles in Data domain**

1. Data Analyst

Skills: SQL, Excel, Data Visualization, basic statistical knowledge

1. Data Scientist

Skills: Programming(Python/R), Machine Learning, Advanced Statistics, Data Wrangling

1. Machine Learning Engineer

Skills: Deep Learning, Algorithm optimization, programming, software engineering

1. Data Engineer

Skills: Database management, ETL processes, big data technologies, data pipelines

1. Business Intelligence Analyst

Skills: Data Analysis, BI Tools(Tableau, PowerBI), business knowledge

Programming Languages required: Python, R

Tools: Anaconda, Google colab/ Jupyter, Git version control