Dhruba Jyoti Seal

Data Science and Machine Learning

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Summary

A highly skilled IBM Certified Data Scientist Professional with a strong background in Engineering, Statistics and Machine learning. Worked in Fintech & Financial Services domain, Proficient in Python, SQL, and Power BI, with experience working with large data sets and building Machine Learning models.

Licenses & Certifications

- ❖ IBM Data Science Professional Certificate
- ❖ Google Data Analytics Professional Certificate

Skills

- Strong knowledge of Exploratory Data Analysis, Data Visualization, Statistical Modelling & Machine learning.
- Proficient in Python, SQL, and Power BI.
- Experienced in Financial Analysis tools like Thomson Reuters Eikon, Refinitiv Workspace.
- Experienced with Deep Learning, Natural Language Processing & Computer Vision.
- Strong Analytical, Problem-solving skills with excellent written and verbal communication.

Personal POC Projects

- ▪ Ukraine War Statistics
- ▪ Credit Card Fraud Detection
- ▪ Global Terrorism Database
- ▪ Huge Stock Market Dataset
- ▪ SpaceX Falcon 9 first stage Landing Prediction

Experience

System Engineer

Tata Consultancy Services (Oct 2018 – Oct 2022)

- Used data science techniques to detect and resolve server issues, reduced system downtime.
- Optimized alarm settings using data analytics, resulting in a reduction in false alarms.
- Implemented predictive analysis for server alarms, resulting in faster response times and improved system.
- Developed an asset tracking system using data science tools, created Power BI Dashboard for the infrastructure teams, managers, and leadership teams for the better visibility of the Data Centers Inventory.
- Collaborated with infrastructure teams, managers, and leadership teams to develop and implement data governance policies and standard operating procedures.
  - ▪ Tools used – Python, SQL, Power BI, Excel, PowerPoint, Word.

N.B. - I joined Thomson Reuters F&R in Oct 2018, then it became Refinitiv after acquisition by Blackstone and sold to London Stock Exchange Group. After that the project migrated to Tata Consultancy Services.

System Security Administrator

State Street Global Advisors (Mar 2018 - Sep 2018)

- User creation & termination and access management on Microsoft Active directory server-based environment.
- User, Group & System authorized access management on Oracle database, Unix, Sybase, IBM RACF, Citrix Xen app.
- Privileged authorized access management for critical financial Applications.

N.B. – I joined as a fixed term contract employee for 6 months from March to September.

Education

Bachelor of Technology

Electronics and Communications Engineering

West Bengal University of Technology (Jul 2012 - Aug 2016)