

Milan Prajapati

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Education

Masters Of Professional Studies (M.S), Data Analytics

December 2023

Northeastern University, Vancouver, BC

- Data Analysis | Deep Learning | Data Modelling | Data Science | Machine Learning and AI | Natural Language Processing

Bachelor of Engineering (B.E.), Computer Engineering

Gujarat Technological University, Ahmedabad, Gujarat

July 2021

- SQL | DBMS | Data Structure | Algorithms | Data gathering | Algorithms | Data Computation | Probability

Technical Skills

Languages and DataBase: Python, R, JavaScript, MySQL, Oracle, SQL Server, HTML, CSS, ReactJS, MongoDB

Package: Scikit-learn, Pandas, NumPy, SpaCy, Matplotlib, TensorFlow, BeautifulSoup, ggplot2, Shiny

Data Visualization and Reporting: Microsoft Power BI, Microsoft Excel, Tableau, Microsoft Word, Microsoft Office, PowerPoint

Statistics and Analytics: Hypothesis Testing, Regression Models, Prediction Models, Probability distribution, Data simulation

Tools and Technologies: R Studio, Visual Studio code, GitHub, Pycharm, Jupyter Notebook, Git

Organizational Skills: Leadership, Project Management, Critical Thinking, Problem-Solving

Work Experience

Data Entry Clerk

October 2022 - Current

Save On Foods, Vancouver, BC.

- Review the data that needs to be labeled and ensure that it meets the project requirements.
- Accurately input data into computer systems or databases and verify the accuracy and completeness of data entered.
- Resolving data discrepancies or other issues and performing regular backups and updates to maintain data security
- Performing ETL (Extract, transform, load) and assisting with data cleanup, sorting, and formatting tasks.

Instructional and Teaching Assistant

January 2023-April 2023

Northeastern University, Vancouver, BC.

- Providing help to learners in understanding key concepts of Statistical modeling and prediction modeling.
- Assisting the professor in collecting and organizing data for the thesis, running statistical analysis, creating graphs and charts to visualize the results, and reviewing and editing the drafts of the thesis and papers.
- Managing the logistics of the course, such as setting up and managing online course platforms, scheduling exam assignments, and monitoring attendance.

Data Scientist

April 2020 - September 2022

Pandavaz, Ahmedabad, Gujarat

- Established and maintained databases of 17 websites and 4 web apps using MySQL, Oracle, and Firebase.
- Implemented dashboards presenting accurate information from the backend database with PowerBI, Tableau, and Excel.
- Applied advanced statistical concepts, and probability distributions on given information to generate a dataset using R.
- Tested the accuracy of the prediction model up to 75 to 85 percent and built a report with visual evidence.

Data Scientist Intern

May 2019 - April 2020

Pandavaz, Ahmedabad, Gujarat

- Identified relationships between different dataset columns and described how those relationships affect the dataset.
- Analyzed data using statistical techniques, such as regression analysis, clustering, and machine learning algorithms, to identify patterns and trends and created visualizations, charts, graphs, and dashboards, to communicate results.
- Analyzed business processes, created documentation, assisted with data translation, and supported customer service.

Projects

Credit Score Analysis and Prediction

- Collected data from 3 individual sources using Python and Microsoft Excel and executed formatting to a centralized database.
- Computed 93 percent of elements affecting credit scores, by applying statistical modeling on banking data.
- Developed 12 different test models by utilizing the forward and backward model selection method.
- Diagnosed the models with up to 95 percent accuracy level using 70 percent of the data from the dataset.
- Examined the models with the 30 Percent dataset and produced the output with the 3 Percent residual value.
- Inspected best prediction models, by comparing developed models using AIC, BIC, and Anova.

Certification and Achievements

Certifications: IBM Data Science - Coursera, Learn MySQL – Udemy

Achievements: HackerRank Python Gold Badge, HackerRank SQL Gold Badge