Sunny Panchal *Data Scientist / Analyst*

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🐙 https://github.com/28101991SUNNY 📍 Mississauga, ON

📇 Profile

Data Scientist with a strong Technical background with working experience in Machine learning, Applied statistics, Probability Mathematics, Data Visualization, and Expert-level Data Querying skills.

🧠 Skills

Python
Numpy, Pandas, scikit-learn, TensorFlow, Docker, Flask, API

SQL
MySQL, Big-Query, DB2, Oracle

Machine Learning
Supervised & Unsupervised Learning, Artificial Neural-Networks, Time-Series Analysis, Clustering, Recommender System

Power BI and Tableau
Data Visualization, DAX, Matplotlib and Seaborn

Probability Mathematics and Applied Statistics
Probability Distributions, A/B test, Confidence Interval Hypothesis Testing: t-Test, ANOVA, Chi-Square Test

💼 Professional Experience

Data Scientist
Personal Work in Data Science and Machine Learning
December 2021 – present | Mississauga ON
- Performed Statistical Analysis, Hypothesis testing, Missing Value Imputation, Feature Engineering, and Encoding.
- Developed Supervised and Unsupervised Machine Learning Models for Classification and Regression problems. Solved problems using Time-Series Analysis using SARIMAX/Prophet.

Retail Sales Associate
Best Buy Canada
November 2022 – December 2022 | Mississauga ON, Canada
- Maintained a high level of customer satisfaction by promptly addressing inquiries, and concerns and providing solutions to customers. Achieving sales targets through up-selling and cross-selling electronic products to customers.

Quantity Control Engineer
Sharp Technocast Industries, Ahmedabad India
January 2020 – May 2022 | Ahmedabad, India
- Monitor, test & report on the quality of products, Inspect raw materials, components, and final products.
- Prepared data reports and business case slides and periodic review reports for internal and external stakeholder review.

🎖 Courses

Advanced SQL: MySQL Data Analysis & Business Intelligence ⧉
Maven Analytics

Python for Data Science, AI & Development ⧉
IBM Skill Network

🎓 Education

Data Science and Machine learning (With Deep Learning and AI specialization)
Scaler
December 2021 – February 2023

Bachelor of Engineering in Mechatronics
Gujarat Technological University, India. (GCET)
June 2009 – June 2013

📂 Projects

E-commerce Business Intelligence Analytics with MySQL ⧉
- Analysed Website Page and Sessions, Conversion Rates across Pages. Done A/B testing on WebPages that are getting more traffic and Products that have higher Sessions Orders Conversion Rates.
- Worked on Bid Optimization, Conversion Funnels, Time Series Analysis - Business Trends and Seasonality, Landing Page Performace, and Testing and Product Analysis.

Logistic Regression (Classification Problem) ⧉
- Developed and deployed classification models that accurately predict the likelihood of loan applicants becoming eligible for an extension or defaulting, with a precision rate of 98% and an f-beta score of 80%.on Streamlit as well as using Flask, created API endpoint.
- Identified crucial parameters for the loan default.
- Used ML Models like – Logistic Regression, Decision Tree, Random Forest, GBDT, and XGBoost for Prediction.

Ecommerce ⧉
(Information of 100k orders at E-commerce Company like Target) (SQL)
- Extracted data from Big Query and integrated it with Jupyter Notebook using the Big-Query API. I employed SQL (Big Query) to retrieve the necessary data for business analysis and utilized Python for creating visualizations and conducting statistical analysis on the queried data.
- Performed a time-series analysis of revenue and orders, and calculated confidence intervals of delivery time per state.

Other Projects: ⧉
- Other projects: Employee Attrition, Telecom Customer Churn Prediction, and Drivers Churn Prediction for ride-sharing companies like UBER/ OLA, Delivery Time estimation-Regression, Recommendation System, and Time-Series Forecasting using SARIMAX models.

🏅 Certificates

IBM Data Engineering Professional Certificate *(Presently On)*

Google Data Analytics Professional Certification ⧉ *(Google Professional Certification)*