Milan Prajapati

Vancouver, BC (ready to relocate) | (778)855-1756 | mbprajapati1732@gmail.com | linkedin.com/in/itsMilan1999/ | Portfolio

SUMMARY: Proficient in Data management, Cloud services, Visualization, and Dashboard reporting | Committed to delivering hidden insights from data for business growth and strategy-making | Life Long Learning

EDUCATION

Master of Professional Studies (M.P.S.), Data Analytics | **Northeastern University** (Vancouver, BC)
Bachelor of Engineering (B.E.), Computer Engineering | **Gujarat Technological University** (Gujarat, IN)

EXPERIENCE

ALTEA Healthcare   Surry, BC
Data Analyst   March 2024 – Current
- Wrote DAX code to calculate different measures and columns required for efficiency, captured, and highlighted KPIs in visualizations.
- Developed Power Pager platform and deployed various Power BI dashboards for easy access of developed products at a single source.
- Wrote automation code for refreshing the various Power BI dashboards and data pulling from web on a daily basis and create power automation for various task automations.
- Developed complex Excel Models for delivering information from live data and automate Productivity reports for various Providers
- Performed data pulling tasks from various websites using Python and develop a centralized database system in Google BigQuery.

Nursing Community Assessment Service (NCAS)   Vancouver, BC
Data Analyst   January 2023 – Current
- Collaborated and brainstormed with operations stakeholders, cross-functional teams, and managers to gather, understand and define analytics requirements for 20+ actionable dashboards, reports, and key metrics.
- Automated day-to-day ad hoc reporting tasks for F&A operations building ETL pipeline with SSIS, SSRS, batch scripting, relational databases, SQL, and Power BI while increasing reporting accuracy by 18%
- Efficiently maintain database of over 50,000 patient examinations, designed schema that resulted 80% faster processing of SQL queries.
- Implemented Redshift Data Clusters for efficient data access and performed Data Extract, Transform, and Load (ETL) operations.
- Designed a data pipeline for the automated continuous loading of Excel data into MySQL, establishing a seamless connection between the database and Power BI and created a dashboard for real-time insights for business intelligence.

Pandavaz IT Services   Gujarat, IN
Data Scientist   July 2019 – September 2022
Credit Score Analysis and Prediction
- Led a team of data analysts, conducted a series of meetings to understand product requirements, and discussed possible solutions.
- Utilized data encryption and Key Management Service to securely store financial data, concealing personally identifiable information.
- Build Credit rating model based on financial data, purchases and spending, predicting 93% relevant factors influencing credit scores.
- Communicated analysis findings to clients and trained 150+ end users while streamlining processes and fine-tuning strategies for financial decision making and mortgage grants.

Web Sentiment Analysis
- Configured AWS buckets with lifecycle rules for data backup and processing, with data access policies for enhanced cloud data security.
- Updated website code to link the client's existing website with Google Analytics, incorporating version control through GitHub.
- Integrated Google Tag Manager and trigger events to track user activity, enabling analysis and data collection for machine learning.
- Increased 25% efficiency by delivering 25+ actionable and insightful reports and dashboards to SMEs and key business stakeholders for performance analysis recommendations and enabling data-driven decision-making

RESEARCH WORK

CoverQuick   Vancouver, BC
Research Assistant   May 2023 – August 2023
JobLink Insights
- Managed and processed 2 TB of AI-generated JSON data utilizing Amazon RDS (Relational Database Service) and implemented SQL star schema to optimize data usability and enhance query performance, ensuring efficient data handling.
- Collected active job postings from the internet using Google Job API and developed data pipeline to store gathered data in a database.
- Used BERT NLP model and fine-tune it on collected data to understand context and relationships between skills and job descriptions.
- Prepared Tableau report and communicated the final results with stakeholders and discussed deployment strategies.
- Tested and deployed Job Recommendation system, boosting suggestion accuracy by 82% through resume and job description analysis.

SKILLS

Technical Skills: Python, R, JavaScript, AWS, GCP
Frameworks: Pandas, NumPy, SpaCy, Scikit-learn, PySpark, Matplotlib, TensorFlow, Beautifulsoup, ggplot2, Shiny
Database & Visualization: MySQL, SQL, PostgreSQL, Oracle, Microsoft Power BI, Microsoft Excel, Tableau
Tools: Google Analytics, SCRUM (AGILE), Git, GitHub, Docker, Office 365 Suite, JIRA, Slack, Notion

CERTIFICATIONS & LEARNINGS

Certifications: AWS Cloud Practitioner | AWS Data Engineer | Tableau for Data Scientists | IBM Data Science | Salesforce for admins
Achievements: HackerRank Python Gold Badge | HackerRank SQL Gold Badge
Learnings: AWS Data Analyst | Prompt Engineering | Static Analysis using R | Cloud Engineering | load balancing and auto-scaling for cloud