SARVESWARA RAO PATCHIPULUSU

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[LINKEDIN]

Objective

Dynamic and results-driven Data Analyst with advanced proficiency in **data modeling**, **data pipeline automation**, and **statistical analysis**. Skilled in leveraging **Power BI**, **SQL**, and **Python** to process and analyze complex financial datasets, ensuring actionable insights for strategic decision-making. Adept at implementing **ETL workflows**, enhancing CRM systems, and driving process optimization in ambiguous and matrix-driven environments. Demonstrated ability to collaborate across cross-functional teams, delivering innovative solutions in **capital markets**, **financial analytics**, and **client relationship management systems**. Passionate about adopting cutting-edge technologies to optimize processes and create impactful data-driven strategies

Education

- **Lambton College** — May 2023 - January 2025
  Graduate Certificate
  Artificial Intelligence and Machine Learning
- **Amrita School of Engineering** — July 2017 - May 2021
  Bachelor of Technology
  Electronics and Communication Engineering.

Certifications

- Microsoft Certified: Azure Data Scientist Associate. Issued: May 2024. Expires: May 2025
  Certification number: AC4A55-A220CO
- Microsoft Certified: Power BI Data Analyst Associate. Issued: Aug 2024. Expires: Aug 2025
  Certification number: C5F844-683DHB
- SQL Advanced Hacker rank Certified

Technical Skills

- **Data Analysis & Tools**: Power BI, DAX, SQL (MySQL, T-SQL, Relational Databases), Python (Pandas, NumPy, SciPy, Seaborn, Matplotlib)
- **ETL & Data Engineering**: Data Pipelines, Automation Scripts, Data Wrangling, Data Cleansing
- **Advanced Analytics**: Statistical Modeling, Hypothesis Testing, Predictive Analytics, Time-Series Forecasting
- **Business Intelligence**: CRM System Integration, Process Optimization, KPI Reporting, Insights Development
- **Cloud & Big Data**: Microsoft Azure (Data Lake, Databricks, Azure ML), MongoDB, GitHub for Version Control

Professional Experience

Gill Financial Inc — Scarborough, Toronto
Data Automation Analyst [CO OP] — September 2024 - Present

Skills: Financial Data Analysis, ETL, Data Manipulation, Power BI, Capital Markets, Analytical Thinking, Insights, Data Governance, Cross-Functional Team Collaboration, Business Analysis.

- Processed and validated large-scale financial data using **SQL-based reconciliation procedures** to ensure system accuracy.
- Automated **ETL pipelines** with Python, improving data processing efficiency by 30%.
- Designed **interactive dashboards** in Power BI to assess loan performance, credit history, and client eligibility, influencing strategic planning.
- Supported CRM system enhancements, including the implementation of **fraud detection algorithms** and KPI metrics.

Tata Consultancy Services   Hyderabad, Telangana
Implementation and Migration Consultant | Automation Tester   May 2021 - February 2023
Skills: ETL, GitHub, Python, Selenium, Teamwork, Change Management.

- Managed **data migration workflows**, utilizing advanced **data modeling techniques** for seamless system integrations.
- Automated regression testing using Python, Selenium, and CI/CD tools, reducing deployment errors by 40%.
- Developed **data visualization tools** in Power BI to identify anomalies and present actionable insights to stakeholders.
- Led cross-functional collaboration initiatives, implementing **process improvement strategies** to enhance workflow efficiency.

Indraprastha Indian Cuisine   Scarborough, Toronto
Business Insight Manager (Freelance)   August 2023 - Present

- Conducted **data-driven sales performance analysis**, leveraging statistical techniques to identify top-performing products and investment opportunities.
- Directed a team of 20+ employees, employing **data governance standards** to optimize operations and enhance customer experience.

Projects

- **Financial Analysis Dashboard**: Developed a comprehensive **Power BI dashboard** integrating DAX formulas, SQL Server data, and Azure Cloud resources to generate actionable forecasts for capital markets.
- **Flight Price Prediction**: Built a predictive analytics model using Python (Pandas, Seaborn, Scikit-learn) with insights visualized in Power BI and Matplotlib.
- **Word2Wave**: Designed a machine learning pipeline using TensorFlow and Natural Language Processing for real-time audio-to-text transformation.
- **Movie Trends Visualization**: Created an end-to-end pipeline combining web scraping (Beautiful Soup), SQL, and Power BI to analyze movie trends using advanced clustering and regression models.

Leadership & Achievements

- PILOT **Commando**, The Squad Club (2017–2019): Directed a team of 40+ volunteers to organize national events with participation exceeding 100 attendees.

Awards:

- Published research in Springer Series on ML advancements in agricultural analytics.
- Ranked Top 10 in Kaggle competition for real-estate price prediction analysis.