

VISHNU VARDHAN

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Professional Summary

- Experienced Data Analyst with over 5 years of expertise in transforming data into actionable insights. Proven ability to ensure data accuracy and consistency while preparing reports and deliverables for internal and customer-facing projects.

Skills

- Python | SQL | Tableau | Power BI | Splunk | Python Flask | Data Visualization | Predictive Modeling | AWS | Docker | TensorFlow | Google Analytics | Adobe Analytics | Keras | GitHub | Bitbucket | Jira | Numpy | Pandas |

Experience

Data Analyst -IQVIA, Toronto, ON, Canada

Jan 2023 - Present

- Analyzed large, complex **Datasets** to provide actionable insights, enabling performance improvements in commercial insurance operations.
- Designed and implemented advanced **SQL** queries to improve data accuracy, reducing reporting discrepancies by **25%**.
- Developed financial models and created **Power BI** dashboards to monitor **KPIs**, leading to enhanced decision-making processes.
- Automated data pipelines with **Python** and **Snowflake**, optimizing **ETL** workflows and reducing manual effort by **30%**.
- Presented key findings to **Senior leadership**, aligning data insights with business strategy.

Data Analyst -Innovasea, Halifax, NS, Canada

- Utilized **Spark** to process and analyze large-scale datasets, reducing processing times by **20%** and enabling faster insights.
- Designed and deployed **Power BI** dashboards to visualize environmental data, fostering data-driven insights.
- Automated **Data** collection and **Reporting** processes, reducing manual errors and improving performance metrics by **30%**.
- Automated repetitive Excel tasks using VBA macros, reducing reporting time by **40%**.
- Gained project management experience, ensuring timely delivery of **Analytics** projects while managing risks and **Stakeholder** expectations.

Data Analyst - Tata Consultancy Services, Bengaluru, India

Jun 2018 - Aug 2019

- **Designed** and maintained Data warehousing solutions, ensuring alignment with business needs.
- **Developed** and maintained interactive **Dashboards** in **Power BI** to support real-time decision-making.
- Conducted extensive **Data** analysis and built actionable reports using SQL and **PeopleSoft**.
- Supported cross-functional teams by providing **Technical Documentation** and transitioning solutions into production.
- **Collaborated** with business units to align **Analytics** projects with strategic objectives

Projects

Clickbait Detection (Python, ML Concepts, NLP Concepts) [\[Code\]](#)

- Developed a machine learning model to classify headlines as clickbait or non-clickbait, utilizing NLP techniques.

Feature Extraction (Python, ML Concepts) [\[Code\]](#)

- Clustered Reuters corpus documents using the k-means algorithm, emphasizing unsupervised learning concepts.

Salary Prediction (Python, Pandas, Numpy, Sckit-learn) | [\[Code\]](#)

- Built a regression model using the Adult Census dataset, performing robust data preprocessing and analysis.

Education

Master's: Computer Science - Dalhousie University, Canada

Bachelor's: Computer Science - Amrita University, India

Accomplishments

- Published in Frontiers in Marine Science (26k+ views, 61 citations). [\[Link\]](#)
- Authored a paper in IEEE. [\[Link\]](#)