

ABHIRUP DAS

DATA ANALYST - Analytics, Visualization & Programming

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📍 Canada

in [LinkedIn](#)

🐙 [GitHub](#)

SKILLS

- **Analytics & Visualization:** Power BI, Tableau, Exploratory Data Analysis to create interactive dashboards.
- **Databases & Big Data Platforms:** PostgreSQL, MySQL, MongoDB, Azure Databricks, Apache Spark
- **Data Engineering & ETL:** Proficient in ETL pipelines, query optimization, and data integration
- **Tools & Methodologies:** Hands-on experience with Microsoft Excel, Jira, and Agile SDLC practices
- **Programming Languages:** Python, SQL, R for data manipulation, statistical analysis, automation workflows.

WORK EXPERIENCE

Data Analyst

June 2023 – August 2024

Accenture Solutions Pvt Ltd

India

- Developed streamlined dashboards using Power BI and SQL, optimizing marketing operations, improving decision-making speed, increasing reporting efficiency 15% overall.
- Integrated SQL queries with interactive Power BI visuals, enhancing contract renewal tracking and boosting customer retention outcomes 10% across operational datasets.
- Delivered biweekly Tableau evaluation reports analyzing path recency, asset relevancy, accuracy metrics, assisting data scientists, guiding iterative model deployment improvements.
- Led statistical analyses including regression, hypothesis testing, forecasting with Python libraries, improving production efficiency by 20% and streamlining operational workflows.

Junior Software Engineer

December 2021 – May 2023

Accenture Solutions Pvt Ltd

India

- Constructed reactive web front-end using Node.js, JavaScript, HTML, Tailwind CSS, ensuring real-time visualization accuracy across 10+ operational dashboards.
- Analyzed JIRA user stories, implemented secure code, optimized testing scripts, maintained 80% code coverage, improving software reliability and deployment accuracy.
- Engineered optimized ETL pipelines for financial and logistics datasets, processing 90,000 transactions weekly, saving 20 hours per month, ensuring data integrity.
- Conducted extensive data cleaning, preprocessing, modeling, and visualization, generating actionable reports guiding technical project decisions and improvements.

PROJECT EXPERIENCE

Personal Financial Analysis using Power BI

September 2024 – July 2025

Developer, Ontario

- Implemented interactive Power BI dashboard using twelve months bank statement data, visualizing income, expenses, and savings trends efficiently.
- Tracked monthly income, expenditure, and savings patterns, enabling strategic financial planning and resource allocation for precise budget optimization.

World Layoffs Data Cleaning Project with MySQL

January 2023 – August 2023

Sole Contributor, Ontario

- Cleaned global layoffs dataset (2020–2023), ensuring accurate analysis of workforce reduction across companies, industries, and countries systematically.
- Interpreted staging tables preserving raw datasets, enabling repeatable and reliable data cleaning workflows, improving overall data integrity and accuracy.

Credit Risk Prediction and Explainability Platform

Sole Contributor, Ontario

- Formulated end-to-end machine learning pipeline predicting individual credit default risk, leveraging XGBoost, LightGBM, and SHAP for explainability transparency.
- Evaluated predictive model performance using ROC-AUC, F1-score, and accuracy metrics, optimizing model selection and ensuring robust predictive capability.

EDUCATION

Master of Applied Computing

September 2024 – December 2025

University of Windsor, Ontario

Bachelor of Technology (B.Tech)

August 2017 – July 2021

Narula Institute of Technology, India

CERTIFICATIONS

- **Azure Spark Databricks Essential Training** – LinkedIn Learning,
- **Learning Hadoop & Learning MongoDB** – LinkedIn Learning
- **Power BI Essential Training** – LinkedIn Learning