Gowtham Sudharsan

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Dublin, Ireland | | LINKEDIN | GITHUB

Profile:

Analytical and detail-oriented Data Analyst with 2 years of professional experience at HSBC, specializing in data wrangling, SQL automation, and cross-functional reporting. Proficient in uncovering trends and delivering actionable insights using advanced analytics tools such as Python, Tableau, and Power BI. Currently pursuing MSc in Data Analytics at the National College of Ireland, with hands-on academic experience in predictive modeling, machine learning and dashboard development. Passionate about transforming raw data into strategic value.

Technical Skills:

Languages & Tools: SQL, Python (pandas, numpy, matplotlib, seaborn), MongoDB, PostgreSQL, Azure, Bigdata

Visualization: Tableau, Power BI, Excel

Data Processing: Data Wrangling, Alteryx, ETL processes, Data Validation

Analytics: Machine Learning, Clustering (K-Means), Predictive Modelling, Statistical Analysis

Soft Skills: Stakeholder communication, collaboration, agile methodology

Work Experience:

Data Analyst - HSBC

October 2022 – July 2024 | Bangalore, India

- Conducted analysis on datasets with over 5.8 million records using SQL and Python.
- Automated routine data extraction tasks, improving report delivery time and consistency.
- Collaborated with cross-functional stakeholders to deliver tailored data-driven solutions.
- Presented findings to technical and non-technical stakeholders to inform strategic decisions.
- Created automated reports and dashboards, improving accuracy by 34% and enhancing understanding of the data to clients and stakeholders.
- Streamlined data collection and centralization for 3.6 million+ records with thorough validation.
- Optimized SQL queries and automated reporting processes, increasing efficiency by approx. 80%.

Data Analyst Intern – Exposys Data Labs

August 2020 – September 2020 | Bangalore, India

- Performed customer segmentation using K-Means clustering to analyze gender, age, and spending behavior.
- Enhanced targeted marketing efficiency by 83% through data-driven insights.
- Created visualizations of clustering results to inform client marketing strategy.

Education:

MSc in Data Analytics
National College of Ireland, Dublin | Expected Sept 2025

- **Modules:** Data Mining, Machine Learning, Deep Learning, Business Intelligence, Analytics Programming, Data Visualization

B.E in Electronics and Communications Engineering
MVJ College of Engineering, Bangalore, India | Aug 2022

Certification and Achievements:

- Awarded for efficient working and best performance at HSBC DAO throughout the financial year for 2023
- Earned a certificate from Coursera for Python Programming
- Certified from LinkedIn Learning for Alteryx, Python for Machine Learning.
- Certified from Data Camp for Introduction to Python