

VIGNESH G

Data Scientist | Data Analyst

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GitHub: <https://github.com/Vicky-0588>

SUMMARY

Motivated and detail-oriented data professional actively seeking full-time roles in data science or data analytics. Experienced in data cleaning, exploratory data analysis (EDA), visualization, and model building using Python, SQL, Excel, and Power BI. Completed an internship and multiple real-world projects, showcasing the ability to extract insights, solve business problems, and communicate findings effectively. Strong foundation in statistics and machine learning, with a passion for turning data into actionable decisions.

EXPERIENCE

Data Science Intern

Skillfield Mentor

📅 06/2025 - Present

- Performed credit card fraud detection using Logistic Regression on a highly imbalanced dataset with 284,000+ transactions, applying feature scaling, stratified train-test split, and model evaluation through confusion matrix and classification metrics.
- Engineered a supervised learning pipeline including data preprocessing, scaling of financial features (Amount, Time), and logistic regression training to accurately identify fraudulent activities with precision and recall analysis.

Data Science Intern

Coginfyz Technology

📅 06/2025 - 07/2025

- Performed regression analysis on a real-world sensor dataset** to predict temperature based on humidity using Python and Scikit-learn, achieving performance evaluation through MSE, RMSE, MAE, R^2 , and Adjusted R^2 metrics.
- Applied data preprocessing techniques** including handling missing values, feature-target selection, data splitting, and model evaluation to build and validate a linear regression model for environmental monitoring.

AR Caller

iSource ITES Pvt

📅 05/2023 - 04/2025 📍 Chennai, India

- I have 2 years of experience working in AR (US) voice process, which helped me significantly improve my communication and client-handling skills.

STRENGTHS

- Analytical mindset with attention to detail**
- Quick learner, adaptable in fast-paced environments**

TECHNICAL SKILLS

Machine Learning

Python

Analysis with Python

Tableau

Power BI

SQL

Advanced Excel

PROJECTS

MOVIE REVENUE PREDICTION USING MACHINE LEARNING

- Built regression models to predict movie box office revenue.
- Applied feature engineering on budget, genre, cast, and release date.
- Used libraries like Scikit-learn, Pandas, and Matplotlib for training and evaluation

PASSWORD GENERATOR USING PYTHON

- Built a GUI password generator in Tkinter used by 20+ testers.
- Included password length, strength checks, and character selection.

COVID-19 DATA ANALYSIS USING PYTHON

- Cleaned and visualized COVID-19 datasets using Pandas, Matplotlib, Seaborn
- Created bar and line charts to visualize infection trends globally

SQL-BASED ANALYSIS ON OLYMPIC DATA

- Analyzed medal tallies, athlete performance, and rankings using SQL.
- Created views and aggregates to support cross-country comparisons.

BUSINESS SALES PERFORMANCE DASHBOARD USING EXCEL

- Built an interactive Excel dashboard to analyse sales performance.
- Tracked KPIs such as revenue, profit, and trends across 3 regions

LANGUAGES

English

Fluent

Tamil

Native

Certification

- Master in Data Science & Analytics with Artificial Intelligence
- Machine Learning
- Python for Data Science
- Analysis With Python
- Diving Into World of Data
- Power BI
- Tableau
- SQL for Data Science
- Advanced Excel

EDUCATION

Master in Data Science & Analytics
with Artificial Intelligence

itvedant Institute

12/2024 – 07/2025 Chennai, India

Bachelor of Commerce

Asan Memorial College of Arts & Science

2019 - 2022 Chennai, India

Key Achievements

- Increased project efficiency by 30% using automated Python scripts.
- Analyzed sales data, boosting forecast accuracy by 40%.
- Developed a dashboard used by 100+ users for data access.
- Optimized SQL queries, reducing data retrieval time by 50%.