

Vasanth B

Data Analyst

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PROFESSIONAL SUMMARY

Result-oriented Data Analyst with 3+ years of experience in MIS reporting, Excel automation, and project tracking, along with internship experience in SQL, Python, and Power BI. Skilled in data cleaning, EDA, KPI tracking, and ETL processes, with expertise in building interactive dashboards and business intelligence solutions to drive data-driven decision-making.

TECHNICAL SKILLS

SQL: Aggregate Functions, joins, Window Functions, CTEs, Query Optimization

Excel: Pivot Tables, VLOOKUP/XLOOKUP, Power Query, Data Cleaning, Dashboard Creation, Automation.

Power BI: Data Modeling, DAX measures, ETL using Power Query, interactive dashboards, KPIs, slicers.

Python: Pandas, Numpy, Matplotlib, Exploratory Data Analysis, Jupyter Notebook

Statistics: Descriptive Statistics, Inferential Statistics.

WORK EXPERIENCE

RR IT Solutions - Chennai

Apr 2025 - Sep 2025

Data Analyst Intern

- Completed daily data analysis tasks assigned by the HR team with consistent on-time delivery and attention to accuracy, actively sharing progress in regular meetings.
- Contributed to real-time business projects by performing data cleaning, EDA, and developing actionable visual reports using Python (Pandas, Seaborn), Excel, and SQL to support data-driven decisions.
- Executed 3 data analysis projects, leveraging Python, SQL, and Excel to streamline data cleaning and preprocessing, driving 20% improvement in project efficiency.

THEISO DESIGN CONSULTANTS

July 2022 – Mar 2025

Estimation & MIS Executive

- Estimation and abstract Excel reports for multiple civil projects, ensuring high accuracy in material and cost calculations, and collaborated with site engineers for precise data.
- Automated and maintained MIS reports and trackers cost, manpower, progress using Excel tools, reducing effort by 30%.
- Supported management with weekly and monthly dashboards to monitor project budgets, KPIs, and facilitate informed decision-making.

CASE STUDIES AND PROJECTS

EV Sales Analysis - Excel, Power BI

- Analyzed EV sales data using Excel to identify top-selling models, regional trends, and monthly demand patterns.
- Created interactive Power BI dashboards to visualize sales performance, market share, and growth trends, enabling data-driven business decisions.
- Tracked and compared sales KPIs across regions and months, providing actionable insights to optimize sales strategies.

House Price Prediction - Python, Machine Learning

- Built a predictive model using Python and regression techniques to estimate house prices based on location, size, and amenities.
- Developed a predictive model using Python to estimate house prices based on key features like location, size, and amenities.

Sales Performance Dashboard - SQL, Excel

- Developed an automated sales dashboard with Pivot Charts, dynamic filters, SUMIFS, and INDEX-MATCH for monthly, product-wise, and dealer-wise reporting.
- Designed profitability tracker and dealer performance reports using conditional formatting and Power Query, reducing manual workload.

Walmart Sales Analysis - SQL

- Optimized Walmart sales data analysis using SQL, identifying 5+ key trends and actionable insights to improve decision-making efficiency.
- Analyzed 300,000+ transactions, uncovering critical patterns in sales, promotions, and customer behavior to support future campaigns.

EXTRA CURRICULAR ACTIVITIES

- Solved 50+ SQL challenges on LeetCode to build strong foundations in query writing, data filtering, and analytical functions.
- Building LinkedIn presence by sharing learning updates, career insights, and mini-projects.
- Learning AI tools like ChatGPT, Gemini, Claude, and Copilot to understand practical applications of generative AI.

CERTIFICATIONS

- **LINKEDIN:** Career Skills in Data Analytics
- **IBM DB0101EN:** SQL Relational Databases 101
- **HACKERRANK:** SQL Basic Certificate(Joins,constraints,Group Functions)
- **COURSEERA:** Data Analyzing using Microsoft Excel
- **SIMPLILEARN:** Power BI for Beginners
- **BESANT TECHNOLOGIES:** SQL,Advanced Excel,Python,Power BI

EDUCATION

B.E. Civil Engineering

Anna University - Panruti Campus

Aug 2018-Apr 2022

CGPA:8.1