**Majeti Venkata Manikanta Naga Krishna Vamsi**

**Data Analyst | SQL | Python | Excel | Power BI**

Guntur, Andhra Pradesh, India.

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**GitHub:** <https://github.com/VamsiMajeti>

**Profile:**

Analytical, detail-oriented Data Analyst with a Master’s in Computer Information Systems & hands on expertise in **SQL, Python, Excel & Power BI**. Skilled in data cleaning, transformation & visualization to deliver actionable insights. Strong foundation in strategic leadership & management, enabling effective collaboration with executives, cross functional teams & technical peers. Adept at translating raw data into business focused recommendations. Passionate about leveraging data for strategic decision making to drive measurable business growth & efficiency.

**Education:**

**New England College, USA - Master’s in Computer Information Systems (2022–2023)**

* **Courses:** Database Design, Python Programming, Cloud Computing Concepts & Machine Learning & Data Science.

**Koneru Lakshmaiah University, India - Bachelors in Electronics & Communication Engineering (2017–2021)**

* **Courses:** Python Programming; SQL, Discrete Mathematics & Strategic Leadership & Management.
* **Final Year Project:** **An Eye on Flame Detection** - Applied statistical analysis & pattern recognition techniques to improve safety monitoring.

**Certifications:**

* **SQL (Advanced + Basic)** – HackerRank.
* **Power BI Data Analyst Path** - Microsoft Learn (Ongoing).
* **Data Analytics Professional Certificate** - Google (Ongoing).
* **Introduction for Data** **Analytics** - IBM.
* **Excel for Beginners** - Great Learning.
* **Excel Certification** – Udemy.
* **Corporate Strategy** - University of Illinois.
* **Business Strategy** - University of Illinois.
* **Strategic Leadership & Management Capstone** - University of Illinois.
* **Jira** – Coursera Project Network.

**Projects:**

**HR Employee Dashboard & Bonus Statistics Analysis - Excel & Power Query:**

* Cleaned & transformed raw HR data using Power Query. Built interactive dashboards with **advanced formulas, Pivot tables & Conditional formatting**. Applied statistical methods (**Mean, Median, Quartiles, IQR, standard deviation, Z‑score).** Identified **Outliers** & improved HR insights. Improved HR reporting efficiency by 25% with Excel dashboards.

**Retail Sales Analysis & Global Orders Dataset – SQL:**

* Complex queries with **JOINs, subqueries, CTE’s & window functions** to analyze revenue & customer behavior. Cleaned, joined & aggregated across multiple tables answered business questions on trends & segmentation.

**Sales & Performance Dashboard - Power BI:**

* Visualized sales by region/category/time with **slicers, KPIs** & drill through for interactive analysis.

**Data Cleaning & Outlier Handling - Python (Pandas & NumPy):**

* Handled missing values (NaNs), normalization applied Threshold/IQR/Z – score & median replacement, enabled trend analysis on global sales, supporting revenue strategy decisions.

**Global CO₂ Emissions Dashboard - IBM Cognos Analytics:**

* Built a multi-page interactive dashboard to analyze global CO₂ emissions. Visualized trends by country, region & income group using data visualization. Which also shows my strong BI & environmental data analysis skills.

**Hotel Bookings & Revenue Analytics Dashboard – Google Locker Studio**

* Built an interactive dashboard analyzing 10,000 hotel bookings with KPIs (ADR, RevPAR, Occupancy%), cancellations, customer segmentation & revenue insights to support data driven decision making in hospitality.

**Skills:**

**Technical Skills:** **SQL, Python (Pandas, NumPy, Matplotlib), Excel (Dashboards, Power Query), Power BI (Data Modeling, KPIs), Jupyter, VS Code, PostgreSQL/pgAdmin, GitHub, Data Cleaning, Outlier Detection, Normalization, Encoding, ETL, EDA, IBM Cognos Analytics, Google Looker Studio.**

**Core Strengths: Analytical thinking, Business insight, Clear communication, Strategic mindset.**

**Achievements**

* **GRE:** 320/340.
* **IELTS:** Certified English proficiency.