

Eka Vardhan

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PROFESSIONAL SUMMARY

Data Analyst skilled in SQL, Python, Power BI, and ETL workflows, with experience improving reporting efficiency, automating data processes, and delivering KPI-driven insights. Strong analytical ability in cleaning large datasets, building dashboards, and supporting business decisions through statistical analysis. Adept at working with cross-functional teams, optimizing data quality, and producing reliable, stakeholder-ready reports.

CORE COMPETENCIES

Programming: Python, SQL
Data Visualization: Power BI, Tableau, Matplotlib, Seaborn
Databases: MySQL, PostgreSQL, Snowflake
Data Tools: Pandas, NumPy, Excel, Jupyter Notebook
Statistics: Hypothesis Testing, A/B Testing, Regression, EDA
Machine Learning: Scikit-learn, basic CNNs, TensorFlow/Keras
Other: Git, API Integration, JSON, ETL Workflows, Data Modeling (Star Schema), DAX Basics, Window Functions

PROFESSIONAL EXPERIENCE

Data Analyst | ATS Solutions [June 2025 - Present]

- Automated cleaning and transformation of large datasets using Python & SQL, reducing manual preprocessing time by **30%** and improving data accuracy across reporting workflows.
- Designed and optimized **Power BI dashboards** that consolidated KPIs for leadership teams, improving visibility and reducing manual reporting time by **40%**.
- Supported ETL processes by updating validation scripts and monitoring pipeline failures, reducing recurring data quality issues by **25%**.
- Collaborated with senior analysts to standardize documentation for data workflows, enhancing cross-team understanding and reducing turnaround time for new analyses.

TECHNICAL PROJECTS

Netflix Content Analysis | Python, SQL, Power BI

- Built automated preprocessing scripts using Pandas & SQL to clean and structure raw Netflix metadata.
- Designed interactive dashboards to analyze genre performance, release trends, and content distribution patterns.
- Performed EDA to identify viewing patterns and regional content clusters.

Uber Pickup Trend Analysis | Python, Pandas, Visualization

- Analyzed NYC Uber pickup behavior using time-series and geospatial techniques.
- Created clear, insight-focused visualizations with Matplotlib/Seaborn to highlight demand hotspots and peak hours.
- Produced insights that demonstrated the impact of weather/time patterns on ride activity.

Mini-Projects

- E-Commerce Management System:** Built an end-to-end transaction and inventory system using Python & SQL.
- Sales Insights Dashboard:** Automated sales KPI tracking using SQL + Power BI.
- API-Based Data Pipeline:** Developed a pipeline to fetch, clean, and merge API data into a unified dataset.
- HR Attrition Analysis:** Built an interactive churn dashboard with KPI cards and drill-down insights.

EDUCATION

PROGRAM	INSTITUTION	COMPLETION
B.E	SSN College Of Engineering,Chennai	2025

Coursework: Data Analysis, Statistics

RELEVANT COURSES & CERTIFICATIONS

- Machine Learning Specialization | Stanford Online,DeepLearning.AI
- Full Stack DEV | Harkirat cohort 2.0
- Data Structure and Algorithm | Stiver’s-a2z-dsa-sheet

LEADERSHIP & INVOLVEMENT

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| • INTINCTS HEAD 2024-25, SSNCE | [Sep 2024 - 2025] |
| • Member Training and Placement Cell SSNCE | [May 2024 - 2025] |

LANGUAGES

- English- Proficient
- Hindi- Proficient
- Tamil- Intermediate
- Telugu- Native Language