

RAVELLA NAGARJUNA

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PROFESSIONAL SUMMARY

Analytical and detail-oriented Data Analyst with a strong foundation in SQL, Python, Power BI, and Excel. Proven ability to transform complex datasets into actionable insights that support strategic decision-making across domains like Retail, Healthcare, HR, and E-commerce. Adept at collaborating with stakeholders, building interactive dashboards, and crafting compelling data stories. Strong experience in end-to-end data lifecycle management, including data collection, cleaning, transformation, visualization, and reporting.

SKILLS & TOOLS

- **Languages/Technologies:** SQL (MySQL), Python (Pandas, NumPy, Matplotlib, Seaborn), Excel, GitHub, Jupyter Notebooks, Google Sheets
- **Data Visualization:** Power BI, Excel, Matplotlib
- **Techniques:** EDA, Data Cleaning, Data Transformation, Dashboard Design, KPI Tracking, Reporting Automation
- **Soft Skills:** Stakeholder Communication, Problem Solving, Visual Storytelling, Cross-functional Collaboration

EDUCATION

Aditya College Of Engineering - Madanapalle

Bachelor of Engineering in Electronics and Communication Engineering

CGPA: 7.8 Passed Out Year : 2020 - 2024

Krishnaveni Junior College - Vinukonda

CGPA: 9.3 Passed Out Year : 2018 - 2020

ZPHS SB Puram - Narasaraopet

CGPA: 9.3 Passed Out Year : 2017- 2018

CERTIFICATIONS

- Data Analytics Course, WS Cube Tech (YouTube), In 2024
- Completed 6+ real-time analytics projects using public datasets
- Completed 12 weeks online course in "Introduction to Internet of Things" from NPTEL, IIT Kharagpur with elite Certificate.
- Completed Artificial intelligence and machine learning Internship Under EDUSKILLS ACADEMY
- Got NPTEL Certificate on Embedded Systems.

EXPERIENCE

Experience Freelance Data Analyst Remote | 2024 – Present- Built and deployed dashboards and automated reporting solutions for clients in retail and healthcare sectors - Wrote optimized SQL queries for data extraction and transformation from large structured datasets - Collaborated with stakeholders to define KPIs and deliver insights through visual reports an

dashboards - Utilized Python and Power BI to analyze trends, detect anomalies, and present findings in a business-friendly format

PROJECTS

Sales Performance & Customer Insights Dashboard

08/24 - 09/24

- Created Power BI dashboards with product and region-level breakdowns
- Analyzed sales trends, leading to a 15% revenue boost through targeted recommendations

Employee Attrition Analysis

10/24 – 11/24

- Identified attrition patterns using SQL and Python
- Built HR dashboards that influenced employee retention policies

Healthcare Readmission Analysis

12/24 – 01/25

- patient Analyzed data to identify readmission risks
- Designed Power BI visuals to assist with preventive care strategies

Customer Churn Analysis (Telecom)

02/25 – 03/25

- patterns and customer behavior using Python, SQL, and Power BI
- Detected churn Delivered actionable insights to reduce churn and improve retention

Retail Sales Forecasting

04/25 – 05/25

- Analyzed inventory trends to enhance purchase planning
- Built accurate forecast dashboards using Power BI

E-commerce SQL Analytics

06/25 – 07/25

- Analyzed purchasing behavior and product performance
- Developed reusable SQL templates for automated reporting

Achievements

- Completed 6+ real-world analytics projects independently
- Built a personal portfolio hosted on GitHub showcasing dashboard projects
- Self-taught the full analytics tech stack via online courses and real-world practice