

Lekhya G

Data Analyst

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SUMMARY

Data-driven problem solver and skilled engineer-turned-analyst with expertise in extracting insights from complex datasets. Meticulous attention to detail, coupled with a creative edge, fuels my passion for innovative solutions. Proficient in data manipulation, statistical analysis, and visualization, I am poised to make a profound impact in the dynamic world of data analysis.

KEY SKILLS

- Data Analytics • Data Visualization Techniques • Data Modeling • Analytical Skills • Quantitative Analysis • Data Wrangling • Critical Thinking • Communication Skills • Attention to Detail • Data Ethics • Machine Learning • Data Science Techniques • Data Mining • Data Insights • Problem Solving Skills • Statistical Methods

TECHNICAL SKILLS

Languages: Python
Libraries: Pandas, Numpy, Matplotlib
Tools: Tableau, Power BI, Advanced Excel, SQL

INTERNSHIPS

Accenture virtual Experience Program on Forage

Focused on Data Analytics and Visualization

PROJECTS

Project 1: Retail Analysis for Walmart | Tech Stack: Python, Linear Regression, Data Analysis

- Predicted future sales and demands with **98% accuracy** by deploying Linear Regression via Python
- Assessed holiday sales and identified days with maximum sales as part of pre-loading supplies

Project 2: Sales Analysis for AAL| Tech Stack: Python, Data Reporting

- Performed Data Wrangling, Analysis, Visualization and generated a report for the sales data of one quarter
- Formulated sales programs for states with lower revenues.

Project 3: Chicago Crime Analysis| Tech Stack: Tableau, Data Visualization

- Conducted in-depth **crime dataset analysis**, providing valuable insights on emerging trends for police reference.
- Constructed a **interactive dashboard** displaying crime statistics, time trends, and comparative data for informed decisions.

Project 4: DigiComp Sales Analysis| Tech Stack: Tableau, Data Visualization

- Executed ad-hoc analysis on Digicomp sales dataset, **uncovering insights** on trends and regional variations
- Engineered an interactive sales dashboard with **filled maps** and various **charts** for data-driven decision-making

Project 5: IPL Analysis| Tech Stack: PowerBI, DAX, Data Visualization

- Forged a data-rich dashboard encompassing detailed **quantified statistics** for all the IPL (Indian Premier League) seasons from starting

Project 6: Revenue Insights| Tech Stack: PowerBI, DAX, Data Visualization

- Examined sales and demand data of a hotel-chain company, leading to the identification of unnoticed low revenue generating areas
- Curated insights and crafted an interactive dashboard with comprehensive statistics for seamless data-driven analysis

Project 7: Science QTech Employee Performance Mapping| Tech Stack: SQL, Data Analysis

- Crafted an **Entity Relationship** Diagram (ERD) and evaluated employee performance.
- Unearthed **essential data** from the database to elevate the organization's overall performance

Project 8: Air Cargo Analysis| Tech Stack: SQL, Data Analysis

- Identified the regular customers to provide offers, analyzed the busiest route which helps to increase the number of aircraft required
- Prepared an **analysis** to determine the ticket sales details to improve company's **operability** and become more customer-centric

Certification

Master's Program in Data Science and Business Analytics

Jun '22 - Feb '23

Certified through Simplilearn in collaboration with IBM

EDUCATION

B.Tech

Jun '14 - Jun '18

JNTU Anantapuram

Graduated with a CGPA of 7.9

Intermediate

Jun '12 - Mar '14

Narayana Junior College

Graduated with a total of 91.4%

SSC

May '12

Nagarjuna EM High School

Graduated with a CGPA of 9.7

CO-CURRICULAR ACTIVITIES

- Organized techno-cultural fest for 3 years which has a turnover of about 30 lakhs
- Stood as runners in a quiz on GK conducted while pursuing my studies
- Stood first in the general quiz competition held in Nagarjuna School, Kadapa