LAVANYA B

Bangalore, India | 7358689409 | lavanyalana1998@gmail.com | LinkedIn | Project Portfolio

DATA ANALYST

Detail-oriented aspiring Data Analyst with a strong foundation in data analytics, data visualization, and insight generation. Proficient in Excel, MySQL, and Power BI to analyze and interpret complex datasets for data-driven decision-making. Proficient in building interactive dashboards and reports that enhance business understanding and operational efficiency. Proficient in transforming raw data into meaningful insights to support strategic initiatives and business growth.

TECHNICAL SKILLS

• Power BI Desktop	• Advanced Excel	• MySQL	• Data Modelling
• Power BI Service	• Pivot Tables	• Python	• Data Visualization
• Power Query (M- Query)	• VLOOKUP	• MS Office Suite	• Data Cleaning
• DAX	• INDEX MATCH	• Dashboarding	• Data Storytelling

SOFT SKILLS

• Critical Thinking	• Agile Problem Solving	• Analytical Mindset	• Adaptability
• Curiosity to learn	• Teamwork	• Attention to Detail	• Strategic Thinking

PROJECTS

IMDb Movie Analysis | Power BI | Link
- Analyzed 4,916 IMDb movies, identifying Drama, Comedy, and Action as top genres with ratings ranging from 8.1 to 9.5. Built a Power BI dashboard with DAX and KPIs for data-driven insights.

Healthcare Dashboard | Power BI | Link
- Analyzed 709K latest-month patient waitlist (vs. 640K previous year), tracking wait times, case types, and patient volume. Built a Power BI dashboard with DAX and KPIs for hospital operations insights.

Operational Analytics & Investigating Metric Spike | SQL | Link
- Analyzed metric spikes and key operational data using advanced SQL techniques (CTEs, window functions), optimizing workforce planning, resource allocation, and business strategies for improved user engagement and growth.

Instagram User Analytics | SQL | Link
- Analyzed weekly user engagement trends using SQL (CTEs, window functions), identifying fluctuations in user interactions and optimizing engagement strategies. Tracked user growth per device to maximize retention.

Hiring Process Analytics Statistics| MS Excel | Link
- Analyzed hiring data of 4419 candidates across multiple departments, revealing a 42% female and 58% male hiring ratio, with an average salary of ₹ 48,515 for females and ₹ 50,557 for males, using Excel formulas, pivot tables and charts.
- Identified high turnover trends in operations and service departments, leveraging data visualizations and statistical analysis to provide actionable insights for diversity improvement and salary optimization.

Bank Loan Case Study - Exploratory Data Analysis (EDA) | MS Excel | Link
- Analyzed a dataset of 49,999 loan applicants, handling 13% to 70% missing data across variables using median and average imputation while detecting and addressing outliers via IQR to improve data quality.
- Conducted exploratory analysis using pivot tables, scatter plots, bar charts, column charts, and heatmaps to uncover key correlations and risk factors affecting loan approvals, supporting data-driven financial decisions.

EXPERIENCE

Data Analyst Intern | Data Analyst Intern | Trainity (Virtual Internship) 01/2025 – 03/2025
- Completed a Data Analytics course, applying SQL, Excel, and Power BI to analyze real-world datasets, perform data cleaning, and create interactive dashboards for business insights.
- Executed data-driven projects such as IMDb Movie Analysis, Healthcare Dashboard, and Bank Loan EDA, leveraging statistical analysis, visualization techniques, and data storytelling to support decision-making.
- Developed interactive Power BI reports, optimized SQL queries for data extraction, and utilized Excel formulas (VLOOKUP, Pivot Tables) to uncover key trends and enhance data interpretation.

EDUCATION

Bachelor of Architecture (B.Arch) | 2021 2016-2021
Hindustan Institute of Technology & Science, Chennai

ACHIEVEMENTS

- **Trainity** Data Analytics program **Virtual Internship Certificate**.
- **Trainity** Data Analytics program - **Live Project Certificate**.
- **Trainity** Data Analytics program – **Training Certificate**