

Vishwas Tanwar

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PROFESSIONAL SUMMARY

Detail-oriented and results-driven **Data Analyst** with over 1 year of experience in utilizing data to drive business decisions. Proficient in data analysis, statistical modeling and data visualization using tools like Python, MySQL, Power BI and Advanced Excel. Successfully completed 10+ impactful projects that enhanced operational efficiency and provided actionable insights.

TECHNICAL SKILLS

- **Programming Languages:** Python (NumPy, Pandas, Matplotlib, Seaborn)
- **Database Management:** MySQL (SQL, Data Modeling, Data Mining, Data extraction & Query Optimization)
- **Data Analysis & Visualization:** Microsoft Excel, Tableau, Power BI
- **Presentation & Data Reporting:** PowerPoint (Presentation Design and Storytelling)

PROJECTS

1. **Sentiment Analysis of Airline Passengers:** [CASE STUDY]
 - **Overview:** Conducted an in-depth analysis of customer satisfaction data from 100,000+ airline passengers to identify satisfaction trends and scope of improvement.
 - **Key Contributions:** Utilized MySQL for data extraction & data cleaning, Python for statistical analysis. Designed compelling dashboards using Power BI to visualize findings.
 - **Skills Highlighted:** Data mining, customer sentiment analysis, and storytelling with data.
2. **Spotify Music & Trend Analysis:**
 - **Overview:** Built a data analytics dashboard to explore user engagement, track performance, and streaming patterns for Spotify music.
 - **Key Contributions:** Analyzed large datasets using Microsoft Excel and Power BI for visualization, enabling data-driven decision-making to optimize music release strategies.
 - **Skills Highlighted:** Data visualization, trend analysis, and dashboard design.
3. **Customers Churn Risk Prediction Analysis:**
 - **Overview:** Created an interactive churn prediction dashboard, reducing churn rates by 20% by targeting at-risk customer groups with tailored retention strategies.
 - **Key Contributions:** Data Extraction and manipulation using MySQL, conducted advanced analysis with Python and created visuals in Power BI.
 - **Skills Highlighted:** Churn analysis, predictive modeling and business strategy.
4. **Predictive Analytics for Employee Retention:**
 - **Overview:** Designed an HR analytics dashboard to track employee satisfaction metrics and reduce attrition rates.
 - **Key Contributions:** Applied Python for data analysis, MYSQL for data mining and Power BI for creating visualizations.
 - **Skills Highlighted:** HR analytics, predictive analytics and performance measurement.

PROFESSIONAL EXPERIENCE

- **TRS TRUCKING PVT. LTD.** - *Junior Data Analyst* Sep 2023 - Sep 2024
 - Maintaining data collection, processing accuracy and Analyzed logistics data to identify trends, patterns & insights.
 - Developed automated reports that improved decision-making speed by 30% and increased stakeholder satisfaction through clear and actionable visualizations.
 - Developed and maintained automated loans data & operational metrics which Improved operational efficiency by 90%, reduced manual effort by 10 days monthly and improved data accuracy by 40%.
 - Collaborate effectively with cross-functional teams to drive problem-solving initiatives and achieve strategic objectives.
- **SRSC INFRA PVT. LTD.** - *Graduate Engineer Trainee* May 2023 – Sep 2023
 - Prepared detailed sheets of bars used in construction sites using Excel.
 - Developed and prepared tender documents, bill of quantities to facilitate smooth procurement processes.

EDUCATION

- **Data Analyst Course - Digiprform** June - 2024
- **Bachelor of Technology in Civil Engineering - Central University of Haryana** Feb - 2022

CERTIFICATIONS

Data Science & Analytics (By HP Life), Power Bi (By Forage), Introduction to Business Intelligence (By Infosys), SQL Basics (Hacker Rank)