
MOHD DANISH KHAN

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ABOUT ME

Highly motivated B.Tech (ECE) student with comprehensive training in **Data Collection, Analysis, and Visualization**. Demonstrating proficiency across the full data stack, including **Python, SQL, R Programming, and Excel**. Adept at transforming complex datasets into actionable, interactive dashboards utilizing **Power BI and Tableau**. Possesses strong collaborative communication skills, capable of delivering **proactive insights** to strategically support business objectives and enhance operational efficiency.

CORE COMPETENCIES

- **Data Collection & Cleaning:** Expertise in aggregating data from SQL databases and Spreadsheets while rigorously ensuring data integrity.
- **Data Visualization:** Creating informative reports and dynamic dashboards using Power BI, Tableau, and advanced Python libraries.
- **Database Development:** Developing robust data acquisition scripts and maintaining scalable database schemas.
- **Strategic Analysis:** Investigating and interpreting data trends to formulate recommendations for improvement in business performance.
- **Documentation & Reporting:** Preparing detailed presentations, reports, and project documentation as needed using **MS-PowerPoint and MS-Word**.
- **Client Relationship Management:** Ability to understand requirements clearly, act as the primary point of contact, and ensure client satisfaction at every step.
- **Time Management & Follow-ups:** Maintaining strong follow-ups and meeting strict deadlines, even under pressure, while multitasking effectively.
- **Issue Resolution:** Proactively identifying and resolving issues to ensure smooth project execution and client happiness.

TECHNICAL SKILLS (TECH STACK)

- **Programming Languages:** Python, R Programming, SQL, Java.
- **Visualization & BI Tools:** Power BI, Tableau, Microsoft Excel (Advanced), Google Sheets.
- **Data Libraries:** Pandas, NumPy, Matplotlib, Seaborn.
- **Development:** Jupyter Notebooks, VS Code, Git/GitHub.
- **MS Office Proficiency:** MS-Excel (Data Analysis), MS-PowerPoint (Presentations), MS-Word (Documentation).
- **Digital Tools:** Google Workspace, Zoom/Teams, Email Etiquette, basic understanding of Digital Media trends

KEY PROJECTS

1. Telecom Customer Churn Prediction (Python & Analysis)

- **Role:** Data Analyst
- **Tools:** Python, Jupyter Notebooks, Pandas
- **Description:** Analyzed a dataset of 7,000+ users to identify patterns in customer attrition.
- **Key Contributions:**
 - Utilized **Python** and **SQL** to clean raw data and handle missing values for accurate analysis.
 - Built a predictive model identifying that "high monthly charges" were the primary driver of churn.
 - Delivered **proactive insights** that enabled the business team to target at-risk customers effectively.

2. Sales & Operations Dashboard (Visualization)

- **Role:** Visualization Specialist
- **Tools:** Power BI, Microsoft Excel, Tableau
- **Description:** Designed a dynamic dashboard to track regional sales performance and profit margins.
- **Key Contributions:**
 - Integrated data from multiple sources (Excel/CSV) to create a unified view of business health.
 - Developed interactive charts to visualize monthly growth, aiding in faster decision-making.
 - Applied **collaborative communication** to refine dashboard metrics based on stakeholder feedback.

3. Secure Banking System Simulation (Database Logic)

- **Role:** Developer
- **Tools:** Java, SQL Concepts
- **Description:** Designed a banking system backend to manage user transactions securely.
- **Key Contributions:**
 - Structured the database schema to ensure seamless data integration and scalability.
 - Implemented efficient algorithms to validate user inputs and maintain data accuracy.

EDUCATION

- **B.Tech in Electronics & Communication Engineering (ECE)**
 - Dr. A.P.J. Abdul Kalam Technical University (AKTU)
 - 2022 – 2026
- **Intermediate (Class XII)**
 - Central Board of Secondary Education
 - Score: 85%

SOFT SKILLS

- **Collaborative Communication:** Engaging effectively with project managers and teams to align on analytics needs.
- **Problem Solving:** Analyzing data trends to find root causes of business challenges.
- **Detail-Oriented:** Ensuring high accuracy in data reporting and visualization.

CERTIFICATIONS

- **Full Stack Web Development** | PW Skills | Dec 2024
 - (Credential ID: 69716a69-4d64-4ffc-ac1f-7fb0994b55af)
- **Data Science & Analytics** | HP LIFE | Dec 2024
 - (Credential ID: 19623f18-a0f7-4eef-9a6f-fc8f87e6e6d6)
- **Java with DSA and System Design** | PW Skills |
- **Data Analytics Bootcamp** | Udemy |