

MUSKAN BANSAL

muskanbansal0304@gmail.com +91 97132 66517 Indore, India

📁 Portfolio — [🌐 LinkedIn](#) — [🐙 GitHub](#)

Aspiring Data Analyst with hands-on experience in **Advanced Excel, Power BI, SQL, and Python**. Skilled in data cleaning, exploratory data analysis, and dashboard creation. Proven ability to extract actionable insights and build data-driven solutions through real-world projects and internship experience.

EDUCATION

B.Tech in Computer Science & Engineering, Sushila Devi Bansal College of Engineering, Indore 2022-2026
CGPA: 7.93

TECHNICAL SKILLS

Programming	Python, SQL
Advanced Excel	Pivot Tables, VLOOKUP, XLOOKUP, Conditional Formatting, Data Cleaning, Dashboarding
Visualization	Power BI (Dashboards, Data Modeling), Google Data Studio
Machine Learning	Regression, Classification, Clustering, Feature Engineering, Model Evaluation
Data Analysis	Data Cleaning, EDA, Descriptive Statistics
Libraries	NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn
Tools	Git, GitHub, Jupyter Notebook, Google Colab
Concepts	OOPS, Statistics, ETL Basics, Data Warehousing Basics

EXPERIENCE

Data Analytics Intern, Access Million	Jun 2025 — Dec 2025
- Cleaned and preprocessed large datasets using Python (Pandas) and SQL. - Performed exploratory data analysis (EDA) to identify trends and support decision-making. - Built interactive Power BI dashboards to track key performance metrics. - Automated recurring reports, improving data consistency and reducing manual effort.	

PROJECTS

SMS Spam Detection System	Python — NLP, Machine Learning — Link
- Built NLP-based spam classifier on 5,500+ messages using Naive Bayes, Logistic Regression & SVM. - Used TF-IDF feature extraction for text representation. - Achieved Accuracy: 98.48%, Precision: 94.20%, Recall: 93.53%, F1-score: 93.86%.	
Stock Risk Classification System	Machine Learning — Link
- Developed ML models to classify stocks into low, medium, and high risk. - Engineered features from financial indicators to enhance model performance. - Identified key predictors influencing stock volatility.	
AI-Powered Resume Analyzer & Job Matchmaker	Python — NLP — Machine Learning — Link
- Built NLP system to match resumes with job descriptions. - Used TF-IDF and similarity scoring for recommendations. - Calculated similarity scores to recommend best-matching roles. - Created interface to input resume and display results.	
Sales Performance Analysis Dashboard	SQL — Power BI
- Analyzed 50,000+ sales records using SQL and Excel. - Built Power BI dashboard for region-wise insights. - Identified strategies that increased sales by 10%.	

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 – AI Foundations Associate
- AWS Educate – Machine Learning Foundations
- GenAI Powered Data Analytics – TATA Group (Forage)
- Masters in Data Science – TopMentor
- Masters in Data Analytics - TopMentor