Tapish Verma

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Professional Summary

Data Analyst with 2+ years of experience leveraging SQL, Python, Excel, SAS Viya, and Power BI to create scalable analytics solutions and automate reporting processes. Proven track record in developing machine learning models and automated dashboards to drive revenue growth and improve decision-making. Passionate about data science and analytics, aiming to build innovative solutions that impact business strategy while continuously expanding technical expertise in advanced analytics and AI.

Work Experience

DCB Bank, Mumbai — Junior Data Scientist → Officer, Collection Strategy
September 2022 – March 2024
- Designed and deployed a Python-SQL based cross-sell recommendation model, resulting in a 10% revenue increase.
- Automated dashboards using SAS Viya, improving forecast accuracy.
- Delivered actionable insights for loan performance and risk strategy optimization.
- Led bot call and SMS workflow automation to improve customer engagement.
- Built Excel dashboards with macros to track delinquency metrics.
- Performed root cause analysis, reducing delinquency rates by 18%.
- Acted as liaison between analytics and operations teams to ensure clear technical requirements.

Inept Studio, Delhi — Python Developer
January 2022 – August 2022
- Built and deployed scalable Django-based APIs for integration.
- Optimized SQL queries and data pipelines to boost back-end performance.
- Collaborated with cross-functional teams to deliver data-centric applications.

Projects

Insurance Premium Prediction: Built a regression model in Python using libraries like Scikit-learn and Pandas, visualized results in Tableau to forecast insurance premiums, aiding strategic pricing decisions.

Mall Customer Segmentation: Applied K-Means clustering to segment customers based on behavioral and transactional data, enabling targeted marketing strategies.

Smart Watering System: Developed an IoT-based system using Arduino and automated SMS notifications to optimize irrigation, improving water efficiency by 25%.

Education

NIIT StackRoute — PGP in Data Science & Machine Learning (2021–2022)
Grade: 7.5/10

Inderprastha Engineering College, Ghaziabad — B.Tech. in Electronics & Communication Engineering (2015–2019)
Grade: 7.5/10

Certifications

Machine Learning using Python – NIELIT: Gained expertise in supervised and unsupervised ML techniques, developed end-to-end projects using Python.

Python Bootcamp – Udemy: Practical hands-on training on Python fundamentals, data structures, and automation scripts.

Skills

Data Tools & Programming: SQL, MySQL, Python, Hive, Excel (Advanced), VBA, TensorFlow
Visualization & BI: Power BI, Tableau, SAS Viya
Techniques: EDA, Forecasting, Clustering, Regression, KPI Dashboards
Workflow & Automation: Excel Macros, Dashboard Automation, Data Cleaning & Transformation
Soft Skills: Business Communication, Stakeholder Collaboration, Problem Solving