Data Analyst

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ANKIT PANDEY

Skills

- Excel (VLookup, Conditional Formatting, Pivot Tables) & Google Sheet
- SQL (SQL Server, MySQL, PostgreSQL)
- Python (Pandas, NumPy, SciPy, MatPlotLib)
- Tableau
- Microsoft Power BI
- Data Visualization & Analysis
- Machine Learning models development.
- PySpark
- Statistical modeling
- Communication.
- Problem Solving.
- Google Workspace

Projects

DATA SCIENCE SALARY EDA – Personal Project 🔗   2022
- Utilized Python to analyze 700 data science job listings and identify high-paying job profiles, resulting in a 15% increase in job applications.
- Used **Data Wrangling** techniques (**pandas, Numpy, Scipy, Scikit-learn**, and **Plotly**) to improve data usability.
- Visualized insights using **seaborn**, **matplotlib**, and **wordcloud** to highlight the most sought-after job profiles in the data science.

PRODUCT SALES ANALYSIS– Personal Project 🔗   2023
- Utilized **SQL** (data grouping, filtering) to clean and query data for product sales analysis, resulting in actionable insights for the business.
- Familiarity with **RFM analysis** to segment customers based on their recency, frequency, and monetary value, and using this analysis to identify the best customers for a business.
- created **Tableau Dashboard** for visual summary. 🔗

ANOMALY DETECTION IN CREDIT CARD TRANSACTIONS–Personal Project 🔗   2023
- Created a **Power BI dashboard** to visualize anomalies in credit card transactions.
- Utilized **Machine Learning** algorithms, such as **logistic regression**, **decision tree, random forest** to build initial models, Improved detection accuracy by using advanced algorithms such as **XGBoost**, **SMOTE**, and **AdaSyn**.
- Implemented **model selection**, **feature engineering**, and **hyperparameter tuning**, which enabled accurate anomaly detection in credit card transactions while minimizing false positive.

Experience

DATA SCIENCE AND BUSINESS ANALYTICS-INTERN – The Sparks Foundation – Indore, India   April, 2023
- Developed a predictive model for customer churn analysis using, **Python** and **SQL**, resulting in a 10% reduction in churn rate within three months.
- Using **Tableau** created a Recommendation engine that analyzed user behavior data and provided personalized recommendations to product customers (resulting in a 15% increase in sales).
- Implemented a new reporting using **Excel** Pivot and **VBA** which help reduced processing time by 50%

Education

1) **BACHELOR OF ENGINEERING (B.E.)** – RGPV University – Bhopal, M.P.   2014-2018
   Marks: **6.4 CGPA,** Major: Mechanical Engineering.
2) **HIGHER SECONDARY (12TH BOARDS)** – Deep Jyoti H.S. School, Rewa, M.P.   2014
   Marks: **69%,** Majors: Mathematics, Physics, and Chemistry.
3) **HIGH SCHOOL (10TH BOARDS)** – Govt. Martand No.1(Excellence) School, Rewa, M.P.   2011
   Marks: **86%**

Certifications

- IBM-Python for Data Science, AI & Development (Issued by Coursera Authorized by IBM)
- Project Management issued by Coursera.
- IBM Machine Learning Professional Certificate.
- Google Data Analytics Professional Certificate.

Achievements

- Five Star Python Coder at Hackerrank.
- Presented a paper on Manufacturing & Automation at a national conference (Amity University, Gwalior).
- Founder Member of Clube Automobilia, Bhopal
- Participated in a district-level cricket tournament.

Languages

- Hindi
- English