PRANEETH M

Aspiring Data Scientist

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I am a recent graduate with a robust IT background, is enthusiastic about embarking on a career in data analysis. Eager to utilize the skills obtained to extract valuable insights from large datasets, aiding their company in making well informed decisions.
Committed to ongoing learning and stay updated of the latest techniques and advancements in the field, aiming to contribute to the organization's success by proficiently analyzing data.

EDUCATION

**BE ECE	Methodist College of Engineering and Technology**	**Jul 2018 - May 2022**
**Intermediate	Sri Chaitanya Junior College**	**Jun 2016 - Apr 2018**
**Matriculation	Little Scholars school**	**Jun 2015 - Mar 2016**

COURSES

Data Science at Vertocity	Dec 2023 - Aug 2024

CERTIFICATES

Microsoft Excel, Microsoft SQL, Power BI , Python, Machine learning

PROJECTS

CIBIL SCORE INSIGHTS   Jun 2024 - Aug 2024

Advanced Stacking Model with PCA for Efficient Training

- Developed a stacking model using Random Forest, SVM, and KNN as base estimators, with Gradient Boosting as the final estimator.
- Applied PCA for dimensionality reduction, significantly reducing the feature set and improving model efficiency.
- Enhanced model performance by streamlining feature set through PCA.
- Implemented cross-validation with 5 folds to ensure robust model evaluation and prevent overfitting.
- Optimized training time by integrating PCA for efficient model processing.
- Utilized Python libraries such as scikit-learn for model building and PCA for feature reduction.

Skills: Model Building, Dimensionality Reduction, Cross-Validation, Python, scikit-learn

Enhanced Public Transport Analytics   May 2024 - Jun 2024

Using Excel, SQL, Python, and Power BI to optimize routes and uncover key transport insights

- Cleaned and validated public transportation datasets, assuring high data quality while eliminating anomalous
- entries.
- Created static Excel dashboards with pivot tables, graphics, and form controls for interactive data visualization.
- Created SQL routines for advanced time-series analysis to detect peak periods and potential bottlenecks.
- The Python class Transport Data Analyzer was created for data cleaning, storing, analysis, and visualization with Pandas and Matplotlib.
- Developed a Power BI dashboard to evaluate transportation statistics and investigate the correlation between consumption and external factors.

skills: Pivot Tables, chart design, stored procedures, time-series analysis, Pandas, Matplotlib, Power BI visualization, Power BI page navigation

Mastering Smart Device Management   Apr 2024 - May 2024

Enhancing Device Control, Automation, and Data Visualization through Expert Engineering

- Created a system to control and operate a variety of gadgets with ease.
- Customized features for every gadget, allowing for exact controls like brightness and temperature.
- For dependability and accessibility, safe data storage was established utilizing the JSON and CSV formats.
- Automation was put into place for device controls, enabling scheduling and environment-based adaptive
- modifications.
- Discovered trends in temperature and energy usage by analyzing device data.
- Produced lucid representations, such as graphs, to efficiently display facts for well-informed decision-making.

Skills: Functions, Data Structures, File Handling, OOPs Concepts, Libraries and Packages, Data Analysis, and Visualizations.

FINANCIAL HEALTH MONITOR   Feb 2024 - Mar 2024

Unlocking CRM Potential with Microsoft SQL server
- Created tables for customers 360 and populating them via bulk insert from CSV files
- Linked tables using primary keys through joins, facilitating seamless data integration.
- Created surveys to analyze stock availability, customer satisfaction.
- Took proactive steps to address issues within our control, showing dedication to enhancing customer satisfaction
- Implemented stored procedures to execute transactions between accounts and evaluate loan eligibility.
- Utilized triggers to automatically update the audit table and prevent below zero balances.
- Identify potentially fraudulent transactions using unusual patterns using queries.

Skills: SQL Server, Data Integration, Stored Procedures, Customer Satisfaction, Fraud Detection, Triggers

E-COMMERCE SALES NAVIGATOR   Nov 2023 - Dec 2023

Exploring E-Commerce Trends with Advanced Excel Analysis
- Analyzed and designed graphical representation of multi-year sales data from 2016 to 2022, encompassing diverse
- customer metrics using Microsoft excel.
- Leveraged Power Query to import and integrate disparate data tables linking them through a primary key.
- Implemented a scalable data model using Power Pivot, for analysis of various data sources.
- Utilized pivot tables and charts connected to the data model to visualize key sales insights and trends.
- Designed interactive dashboard showcasing metrics such as churn rate, total sales, and other critical KPIs.
- Implemented advanced calculations to derive actionable insights, enhancing decision-making capabilities for stakeholders

Skills: Excel, Power Query, Power Pivot, Data Visualization, Dashboard Design

SMART INVEST STRATEGY   Mar 2024 - Apr 2024

Guiding Profitable Investments with Python-Powered Data Analysis
- Utilized Pandas and NumPy libraries for data manipulation and calculation of insights and deceptive statistics.
- Conducted correlation analysis between columns and visualized the relationships using a heatmap.
- Created graphical representations of mutual fund risk factors through plotting graphs.
- Identified top-performing mutual fund schemes based on high returns over three years, employing aggregate values and group-by operations

Skills: Python, Pandas, NumPy, Data Analysis, Correlation Analysis, Visualization

SKILLS

MS EXCEL | Python | MS SQL | Power BI | CRM | Statistics | AWS | NLP | Machine Learning | AI | Deep Learning

WEBSITES & SOCIAL LINKS

GitHub | Portfolio

LANGUAGES

English | Kannada | Telugu | Hindi

HOBBIES

Participating in Data Science competitions on Kaggle
Playing cricket, Watching movies, Listening music