Pradeepthi Sundhara

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SUMMARY

As a self-taught Data Scientist with a deep understanding of technology and developmental constraints, I possess strong problem-solving, management, and creative thinking skills, and have honed my abilities through academic and extracurricular projects. I am proficient in various technologies and tools for data analysis, including SQL, Python, Tableau, R language, and Power BI, and have a passion for identifying trends and patterns to drive business decisions. With a desire to create cutting-edge user interfaces, I am confident in my ability to provide a positive user experience for clients, and look forward to discussing how my skills can benefit your organization.

EXPERIENCE

Data Analyst Intern
Analyticxlabs   **June 2023 - September 2023, Banglore**
· Study and analyze client requirements as conveyed by the team lead/project manager.
· Offer inputs and suggest enhancements.
· Develop code and add-ons using Tablue,SQL Server Management, Python .
· Learnings:Business understanding, Python for development,Probability theory,Data science lifecycle,Relational database, Numpy and pandas,SQL basics.
· Inferenced and accomplished valid insights from data using predictive analytics for client-specific business problems with a 85% accuracy at forecasting the results.
· Produced insights and all data analysis were presented using Tableau, to communicate meaningful and relevant findings.

Data Science Intern
Lifegurusolutions   **February 2023 - Present, Hyderabad**
- Developed a fraud detection model with 75% accuracy using ML algorithms: Random Forest, Logistic Regression, Gradient Boost, and XG Boost.
- Analyzed, pre-processed and visualized data with ML libraries: Pandas, NumPy, Seaborn, Matplotlib, and Pylab.
- Trained model using Sklearn library and presented analysis and findings with Tableau.
- Developed predictive models and automated data processing for streamlined insight discovery and data-driven decisions, including automated reporting process that reduced report creation time by 25%.

PROJECTS

PREDICTING COUSTOMER CHURN USING COUSTOMER DATA
· Using Python, a code was developed and different machine learning algorithms such as logistic regression, AdaBoost, Gradient Boosting, and Ridge Classifier were analyzed to determine the accuracy.
· The logistic regression model was found to have the highest accuracy, which is suitable for binary classification. Additionally, the features responsible for churn were identified and stated in the analysis.

DETECTION OF NON-HELMET RIDERS AND EXTRACTION OF NUMBER PLATE USING YOLO-V2 AND OCR METHOD
December 2022 - April 2023
· Developed a Python program utilizing data science libraries to detect non-helmet riders and extract number plates, with the goal of reducing the likelihood of motorcycle accidents.

COVID_19 DATA ANALYSIS
College · January 2023 - January 2023
· Developed code using Power BI and Python libraries (NumPy, Pandas, Seaborn, Matplotlib, and Os) to create compelling data-driven reports and visualizations.
· Collected and aggregated COVID-19 data from multiple sources, ensuring 80% accuracy and completeness, and provided insights of trends and patterns to assist senior management in decision-making.
· Improved data analysis process by 20% through the creation of automated dashboards and data models for collecting, processing, and visualizing data.

EDUCATION

Bachelors In Electronics and Communication Engineering
Vardhaman College of Engineering · Hyderabad · 2023 · 7

CERTIFICATIONS

Statistics for Machine learning.
Great Learning · 2023
It provides knowledge of fundamental statistical concepts and techniques that are necessary for building and evaluating machine learning models.

Statistical Method for Decision Making
Great Learning · 2023
The certificate indicates proficiency in statistical methods for decision making, a crucial skill for professionals in data-driven fields like data science, business analytics, and operations research.

R for Data Science
Great Learning · 2023
The certificate demonstrates proficiency in R programming and knowledge of data cleaning, visualization, and analysis techniques specific to R, which are important skills for a career in data science.

Data science foundation
Great Learning Academy · 2023
It provides a fundamental understanding of key concepts and techniques used in data science, including data analysis, statistical inference, and machine learning, which are essential for building a strong foundation in the field.

Website creation using wordpress
Coursera · 2022
This certificate is useful as it demonstrates proficiency in creating websites using WordPress, a widely used content management system, which is an important skill for professionals in web development and digital marketing.

Machine learning through python
Internshala · 2022
Tt demonstrates proficiency in a crucial skill set for data-driven industries.

SKILLS

Languages: Python,SQL, R language
Databases: MySQL,Oracle
Machine learning libraries & Tools: NumPy, Pandas, Keras, Tensorflow, OpenCV,
Data Visualization Tools: Excel, Tableau, Microsoft Power BI, Matplotlib,
Operating System: Mac OS, Linux, Windows