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Korupuri Jyothirmai

Data Scientist

Summary

Energetic and detail-oriented recent graduate with a Bachelor's degree in Electronics and Communication Engineering. Proficient in programming languages such as Python and SQL and well-versed in machine learning techniques and tools such as Pandas, Sci kit-learn, and TensorFlow. Possess strong problem-solving skills and the ability to translate complex data into actionable insights. Committed to using data to drive positive change and eager to contribute to the field of data science as a fresher.

Key Skills

- Data Visualization
- Statistical modelling
- Machine Learning
- Deep Learning
- Data Analytics
- Azure Cloud Services

Technical Skills

- **Programming:** Python(Pandas, NumPy, Scikit_learn, TensorFlow, Matplotlib) ,SQL.
- **Data Analysis:** Data Cleaning, Data Visualization, Statistical Modeling.
- **Machine Learning**: Supervised learning, Umsupervised learning.
- **Deep Learning**: Artifical Neural Networks.
- **Packages:** Sci_kit Learn, NumPy, Pandas, Matplotlib.
- **Tools:**: Excel, Tableau, Git, Docker.

Technical Training

International School of Engineering [INSOFE]

PGP in Computational Data Science | May 2022 - March 2023 |

Education

JNTUK University, Kakinada.

Bonam Venkata Chalamayya College of Engineering.

Bachelor of Technology in Electronics and Communication Engineering - 2022

Activities & Certifications

- Certified by National quiz competition on Digital Electronics.
- Programming for Everybody(getting started with python)--

-UniversityofMichigan|Coursera|ID:2PFGXJWHGCLF

- Completed 60 days of Internship on 'MACHINE LEARNING' in path Octazen Software Solutions Pvt.Ltd

Projects

- WEB BASED SERIVCE TO MONITOR AUTOMATIC IRRIGATION SYSTEM FOR AGRICULTURE USING SENSORS: I have done this project during my academics in the domain of IOT.

Purpose:Did the customer accept the personal loan offered in their last campaign.

- Acquired the necessary domain Knowledge and Understand the Problem Statement and given Data that it is Supervised Learning Problem.
- Done Data cleaning and Data Preprocessing.
- Constructed various Machine Learning Classification models like Logistic Regression, KNN, RandomForestClassifier.
- Did Hyper Parameter Tuning with Grid Search CV.
- After building various models KNN gave 95%accuracy.

Purpose:To predict the customers revenue based on the given attributes.

- To understand the influence of other attributes on revenue.
- Used various statistical functions to preprocess the data and create visualizations.
- Constructed Machine Learning Regression model like DecisionTreeRegressor.
- Did Hyper Parameter Tuning with Grid Search CV and ultimately the model gave best RMSE value 54%.

Additional Information:

Languages: English,Telugu.

Declaration

I, Korupuri Jyothirmai, hereby declare that above mentioned information is correct up to my knowledge .

Place:Hyderabad

Date: 13-02-2023 Signature: K.Jyothirmai