SANTHOSH PRASANNA

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Summary

Well-organized **Statistics** professional seeking the position of **Entry-Level Data Scientist**. Familiarize with collecting,pre-processing,analyzing, Forecasting and Predicting data to improve business operational productivity by using actionable Insights. Highly competent in using statistical analysis to conduct research and pinpoint patterns and trends in a business solution.

Education

St.Joseph's College Autonomous   Jun 2018 – Jul 2021
Bachelor of Science in Statistics   *Trichy,Tamilnadu*

Skills

Progamming Languages: Python, R, SQL
Libraries: Pandas, Numpy, Matplotlib, Seaborn, Scipy, Scikit-Learn, nltk, Spacy
Analytical Tools: IBM SPSS, Power BI, Tableau, Excel
Modelling Techniques (ML,DL): Exploratory Data Analysis, Data Visualization, Statistical Analysis, Data Mining, Data Wrangling, Basic(Natural Language Processing),Basic(Neural Networks) Regression, Support Vector Machine, Naive Bayes, K-Nearest Neighbours, Decision Trees, Cluster Analyses.
Key Skills: Communication , written and verbal ability , Experimenting,Decision Making, Presentation, Quantitative Analysis, understanding Business Process Market Strategy.

Coursework

- Data analytics with Python
- Project Management
- Statistical Packages IBM SPSS and R

Experience

The Sparks Foundations   Mar 2022 – Apr 2022
Data Analytics Intern   *Remote*

- Gathered, reviewed analyzed and implement data requirement effectively by creating algorithm based on deep-dive **statistical analysis predictive data modeling**.
- Deploying **quantitative analysis** and **data visualization** to present data. Design, run and measure experiments to test business hypothesis. Insight generation against a recurring use case.
- Performed Trend analysis on data and apply best practice of and **effective communication**.

Projects

Fake News and Real News Detection | Python, ML   Nov 2022
- ∗ **Domain**: Information Service
- ∗ **Goal**:Predict whether the news is real or fake based on their factors like (title,text,subject) which contains **25000** rows and **4** columns.
- ∗ **Approach**: classical machine learning tasks like Data Exploration,Data Cleaning, Feature Engineering,various Model Building and Model Testing.
- ∗ **Solution**: Developed and implemented various regression and Classification models with more than **99** percent accuracy to identify whether the news is real or fake on their factors by using manual testing.

Stroke Prediction Analysis | R, ML   Oct 2022
- ∗ **Domain**: Healthcare
- ∗ **Goal**: Predict stroke attack of the patient and encounter how they correlate with their input factors like (gender,heart-disease-person,work-type,hypertension, etc.) which contains **5000** rows and **12** columns.
- ∗ **Approach**: Apply classical machine learning tasks like Data Exploration,Data Cleaning, Feature Engineering,various Model Building and Model Testing.   .
- ∗ **Solution**: Built and deploy various regression and Classification models with more than **96** percent accuracy to identify most of the patients likely to get a stroke based on their factors.

Statistical Analysis On Effects of Online Classes | IBM SPSS Statistics, Excel   Dec 2020 - Mar 2021
- ∗ **Purpose**: Academic Evaluation
- ∗ **Domain**: Education
- ∗ **Goal**: Analyzed the impact of online classes on **teachers, students** and their **parents.**which contain samples of **280** members   .
- ∗ **Approach:** Descriptive Statistics , Inferential Statistics,Data Visualization
- ∗ **Solution:** Developed and executed various statistical models to analyze and interpret the result of the effects of online class data with more than **60** percent of teachers, parents, and students who are not comfortable with online classes.

Leadership / Extracurricular

- ∗ Team Leader for extension outreach Department **SHEPHERD Program** in St.Joseph's College.
- ∗ First position winners in **Group Exhibition Program** at Inter Department Competition in St.Joseph's College.
- ∗ Awarded for Participating **Under-14** District Level Cricket Competition at Trichy.