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# SANTHOSH PRASANNA

Entry-Level Data Scientist

## SUMMARY

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

## KEY SKILLS

Data Analysis & Data Visualization

Good at executing stat and math technique

Basic Machine learning

Descriptive & Inferential Statistics

Predictive Modeling

Basic SQL Scripting

Understating business Objectives

Statistical analysis and computing.

Communication and Interpersonal Skills

Research

Data Mining

Presentation & documentation skills

Problem solving & Analytical thinking

Project Management

Processing large data sets

## TECHNICAL SKILLS - BASIC TOOLS KNOWLEDGE

**Scripting Language :** | Python(Jupyter book) |

**Libraries :** | Pandas |, | Numpy |, | matplotlib |, | sklearn |

**Database :** | Postgres SQL |

**Data Visualization:** | Power BI |, | Tableau |, | Excel |, | Power Point |

**ML Algorithm :** | Supervised Learning |, | Unsupervised Learning |

**Statistics Analysis:** IBM SPSS Statistics

## EDUCATION

**Bachelor of Science in - Statistics**

Jun '18 - Jun '21

**St. Joseph's College Autonomous, Trichy**

Trichy, TN

*St. Joseph's College is an affiliated First Grade College of the Bharathidasan University. with a base of 9000 students.*

- GPA: 7.4/10

## Course Completion

Sep '19 - Sep '19

**Research Through Statistical Packages IBM SPSS Statistics**

St. Joseph's College Autonomous, Trichy

May '22 - May '22

**Project Management**

Feb '22 - Apr '22

**Data Analytics With Python**

Swayam(NPTEL)

## INTERNSHIP EXPERIENCE

**Intern - Data and Business Analytics**

Mar '22 - Apr '22

**The Sparks Foundations**

Remote

Achievement / Tasks

- Gathered, reviewed analyzed and implement data requirement effectively by creating algorithm based on deep-dive **statistical analysis & predictive data modeling**.
- Deploying **quantitate 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 problem solving and effective communication

## Personal Projects

Website Traffic(Unique Visitors) Prediction Analysis - Python (ML)

Sep '22 - Sep '22

### Primary goal :

.Predict the Forecasting Websites Traffic caused by 5 years of data using data mining and a Supervised machine learning algorithm. Website Traffic data from September 14, 2014, to August 19, 2020. were extracted to train the model.

### Solution:

- It is to build a machine learning model to predict Website Traffic data based on the dataset.
- The main objective is to train the dataset on various models and to choose the best one.

Netflix Stock Price Prediction Analysis - Python (ML)

Sep '22 - Sep '22

### Primary goal :

Predict the Netflix Stock Price Forecasting caused by 5 years of data using data mining and a Supervised machine learning algorithm .Netflix Stock Price 5th Feb 2018 to 5th Feb 2022. were extracted to train the model.

### Solution:

- It is to build a machine learning model to predict Netflix Stock Price data based on the dataset.
- The main objective is to train the dataset on various models and to choose the best one.

Modern Sales Data Analysis Dash Board- Tableau

Sep '22 - Sep '22

### Primary goal :

Visualizing an interactive Modern Sales dashboard and creating a concise view of results-based data like sales-to-date, sales-by-region, Total orders, Total sales, Profit, and so on.

### Solution:

- it is to build a Sales data analysis report to visualize core business **KPIs**(sales, profit).
- The main objective is to find insights into a **sales dashboard** and to see which regions give maximum **sales** and **profit** in the dataset.

Hr Data Analysis Dash Board - Power BI

Sep '22 - Sep '22

### Primary goal :

Visualizing an interactive HR dashboard of an employee analytics platform will let you spend less time preparing data and more time identifying ways to better manage staffing, development, compensation, safety and health, and employee relations.

### Solution:

- It is to build a effective Hr data analysis report directly on the dashboard itself to explore and analyze data.
- The main objective is to find insights that will improve **hiring**, optimize **workplace** management and enhance **employee** performance.

## Academic Project

Statistical Analysis On Effects on Online Classes

Dec '20 - Mar '21

**Software** : IBM SPSS Statistics , Excel, PowerPoint.

### Aim & Objective:

- To analyze the impact on online classes on **teachers** , **students** and their **parents**.
- To find whether the students and teachers are **comfortable** with the **online classes**.

### Approach :

Descriptive Statistics , Inferential Statistics ( Testing of Hypothesis, Correlation, One-sample t Test, Chi-square Test ).

## EXTRACURRICULAR ACHIEVEMENTS

- Team Leader for extension outreach **SHEPHERD**

Mar'20 - Mar'21

**St. Joseph's College, Trichy**

Ist position winners in Group Exhibition, Inter Department Competition.

Nov'19 - Nov'19

Awarded for ParticipatingUnder-14 District Level Cricket Competition, Trichy.

**Trichy District Cricket Association**

Sep'14 - Sep'14

## ADDITIONAL INFORMATION

- Languages: Tamil and English