



SIVA SHANKARI.T

DATA ANALYST

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PROFILE SUMMARY

I am a highly passionate individual who thrives upon seeking new challenges as a Data Analyst. And as a Data Analyst Intern based on my Internship experience, I have chosen a Data Analytics platform to work on various projects to analyze data with a solid foundation in Statistical analysis, Exploratory data analysis, Data cleaning and preprocessing, Feature engineering, Feature selection, Model building, and Data visualization by using the Key tools - (Microsoft Excel, Statistics, Python(Numpy, Pandas, Matplotlib, Seaborn), SQL, Tableau, Machine Learning). Now I am a learning technocrat looking to flex my talent to identify new growth strategies as Data Analyst.

TECHNICAL SKILL

Microsoft Excel, SQL, Python (Numpy, Pandas, Matplotlib, Seaborn), Statistics, Tableau, Machine Learning, Hypothesis testing, Data visualization, Exploratory Data Analysis, Data cleaning and preprocessing, Econometrics.

INTERPERSONAL SKILL

Self motivated, Critical Thinking, Decision Making, Time Management, Communication skills, Problem-solving skills, Teamwork and Collaboration, Adaptability.

EDUCATION

Professional Data Science and Machine Learning with Python Data is Good, Noida, Uttarpradesh Relevant Coursework: Microsoft Excel Statistics SQL Python Machine Learning Tableau	Mar 2022-Mar 2023 85%
Master of Computer Science Bharathiar University, Coimbatore, Tamilnadu Relevant Coursework: Data Mining Analysis and design of Algorithms Artificial Intelligence	Jun 2012- Apr 2014 72.6%
Bachelor of Computer Science Bharathiar University, Coimbatore, Tamilnadu Relevant Coursework: Database Management Datastructure and Algorithm Artificial Intelligence	Jun 2006- Apr 2009 71.6%

INTERNSHIP AND WORK EXPERIENCE

Idea Spice Design Leading Integrated Branding & Marketing Agency Dubai <ul style="list-style-type: none">• Problem statement: The goal is to find out the employees who stay and leave the company in the upcoming year.• Performed Exploratory Data Analysis, Descriptive Statistical Analysis, Outlier analysis, Feature Engineering, and Feature Selection and made the change as per requirements.• Created Data visualizations using Seaborn and Matplotlib to find the insight patterns.• Used machine learning algorithms to build predictive models to find the best accuracy.	Sep 2022- Mar 2023
Entrepreneur - Narpavi Farms Erode Tamil Nadu <ul style="list-style-type: none">• Designed employee schedules and managed daily barn operations.• Prepared worker housing and maintained common living areas.• Assisted in harvesting and crop care.• Monitored crops and implemented quality control measures to ensure their health and viability.• Managed a team of 20 during the orchard's most successful harvest season.• Transported crops to local farmers' markets.• Helped with farm stand sales and marketing efforts and increase maximum profit.	Jan 2021- Present

PROJECTS

Project:1 Optimizing Crop Production

- **Problem statement:** The goal is to analyze the crops grown in given conditions based on given features.
- **Process:** Performed Data cleaning, the Descriptive statistics, Analyzing Agricultural Conditions, K-Means clustering for clustering crops, Visualizing the Hidden Patterns, we find out the crops which grow in certain climatic conditions.
- **Solution:** Through Logistic Regression modeling and Realtime Predictions I find out the best accuracy of crops grown based on given climatic conditions and maximize the profit.

Project:2 Predicting Medical Health Expenses

- **Problem statement:** Predict the Future Medical Expenses of Patients using some of the relevant information that is provided in the dataset such as the Age, Gender, Body Mass Index, Region, Smoking Behavior.
- **Process:** To perform Data cleaning, Univariate, Bivariate and Multivariate analysis we can find the range of medical expenses for the particular person.
- **Solution:** Through the data preprocessing I perform label encoding and create models and find out the best accuracy in the rate of medical expenses.

Project:3 Predicting Survivors in Titanic Dataset

- **Problem Statement:** The goal is to find out what sorts of people were more likely to survive using passenger data such as name, age, gender, and socioeconomic class.
- **Process:** Predict the Survivors based on various factors from the dataset.
- **Solution:** Built a predictive model that predicts the likelihood of survival of passengers belonging to different ages, gender, and class.

Project:4 Weight Category Prediction

- **Problem statement:** The project is about finding out whether the individual is underweight, normal, or overweight based on certain given features.
- **Process:** The Model will take into account some important aspects like age, gender, height, body measurements, and other relevant parameters.
- **Solution:** This model can be useful in various applications where weight category prediction is important, such as in the health and fitness industry.

CERTIFICATIONS AND WORKSHOPS

- Professional Data science and Machine Learning with Python - DatalsGood
- Tableau Bootcamp - DatalsGood
- The Data Analyst Course: Complete Data Analyst Bootcamp 2022 - Udemy
- Data Analytics workshop - Jobaaj learnings
- Excel workshop - Jobaaj learnings
- Structured Query Language workshop - SkillNation

LANGUAGE PROFICIENCY

- English - Intermediate
- Tamil- Native
- Hindi - Beginner

DECLARATION

I declare that the particulars that are furnished above are true to best of my knowledge and belief.

Place:Coimbatore

Date :

T.Siva shankari

Yours faithfully