

Sai Nayan Dhoria

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PROFILE

A data enthusiast and an experienced professional with the ability to work in team and build strong professional relationships. Seeking a full-time opportunity in the field of Data Science/Data Analytics wherein I can leverage my relevant skills with accuracy and efficiency.

EDUCATION

MSc Data Science | SEP 2018 - DEC 2019

University of Southampton
Southampton, UK

B.Tech Computer Science & Engineering | AUG 2011 – AUG 2015

Jawaharlal Nehru Technological University
Hyderabad, INDIA

PROFESSIONAL EXPERIENCE

ROLE: Information Analytics Analyst

TRAFIGURA GLOBAL SERVICES | AUG 2020 – DEC 2020 | MUMBAI, INDIA

- Built Dashboards using Tableau which helped the traders understand the future trade flows
- Built automated text scraping tool to extract data from various reports
- Conducted market research which largely involved vessel and cargo tracking analysis
- Collaborated data from various sources to provide key insights to the traders

ROLE: DATA ANALYST

TATA CONSULTANCY SERVICES | SEP 2015 – AUG 2018 | HYDERABAD, INDIA

- Collaborated with the development teams and stakeholders spread globally to understand their business requirements
- Developed compelling and interactive analysis reports and dashboards using Tableau and PowerBI to help stakeholders understand the performance of their business segment.
- Interpreted the findings of the report to the clients and suggested suitable changes
- Worked on Data processing techniques and exploratory data analysis using python
- Created and Executed SQL queries to verify the consistency and flow of data (SKU) from upstream systems to application
- Validated data from credit Memo, Invoices and credit notes generated using SAP ERP

CERTIFICATIONS

1. Data Analysis in Azure Machine Learning Studio, Microsoft | Feb 2019
2. Oracle Certified Professional Java SE 6 Programmer | Apr 2014

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IT SKILLS

- Tableau, PowerBI, D3
- SQL, Mongo DB
- R, Python
- Machine Learning Techniques
- Web Scraping
- SAP
- Advanced Excel
- Microsoft Office 365
- Microsoft Test Manager

ACADEMIC PROJECTS

1) Analysis of Flow Cytometry Data Using Statistical inference | Jun 2019-Sep 2019

Technology: R, RStudio

Methods: Exploratory Data Analysis, Clustering Algorithms, Statistical Modelling

Here I have analysed human blood dataset using different packages in R. I have used R Studio as an IDE for R. The main aim of this project is to identify different populations and sub-populations within human blood cells through statistical analysis. Initially, I have performed exploratory data analysis on the data set through which I was able to understand the main characteristic of the data and then implemented clustering techniques to uniquely identify different populations of cell. This approach would help in faster processing of blood samples submitted for diagnosis.

2) Online Course Advisor | Dec 2018 – Jan 2019

Technology: Python

Methods: NLP, Web Scraping, Data Cleaning, Linear Regression

This application aims to predict the rating of a newly launched course online. This application is targeted to all the online course providers who launch wide variety of courses and by using this application can predict how a course will be accepted by the users.

3) Data Innovation | Mar 2019 – May 2019

Technology: Angular Framework , Firebase, Dialogflow, Zoopla API

Developed a real estate search engine named "Peace of Home" using 3 open datasets. This application is for the people who are looking out for a new home in the UK and are concerned about the safety in the neighbourhood. This application provides a list of available properties along with a safety score for each property. The safety score is calculated based on the number of crimes committed in that area, the severity of the crime and the safety measure of that area.

4) Data Story | Dec 2018

Technology: Tableau

Methods: Data processing, Exploratory Data Analysis

Created data story using Tableau and illustrated interesting insights on IMDB Hollywood movie dataset which included data of close to 5000 movies made in the past 100 years.

MOOCs

1. Exploratory Data Analysis in Python | DataCamp
2. Data Analysis in Spreadsheets | DataCamp