Mahesh Kulal

Problem solver with strong apt for learning and collaborative skills. Looking to obtain a Data Analyst position, offering expertise in handling and analyzing large complex data set using a variety of tools and techniques.

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WORK EXPERIENCE

Statistical Analyst, Bangalore, India
Rehoboth Academic Services (12/2018 to 04/2020)

- Acquiring, cleaning, and structure the data from multiple sources.
- Providing exploratory analysis and analytical modeling support to clients on improving their research quality using various statistical and data mining methods.
- Analyzing data to identify trends, patterns, and discrepancies in data using R Programming and SPSS then conveying ideas with visuals.
- Used various statistical techniques like Predictive modeling, Hypothesis testing to validate the data and interpretations.
- Presenting the story of the data using PowerPoint.
- Worked as a supportive trainer during the SPSS workshop conducted for Tech. aspirants.

Personal Projects

Loan Prediction Problem
- Predict whether assigning the loan to a particular person will be safe or not.
- Data cleaning, Logistic Regression, Python, Sklearn, Pandas, Matplotlib, Seaborn, Numpy.

Big Mart Sales Prediction
- To build a predictive model and find which possible factors might affect sales.
- Multiple Linear Regression, Python, Sklearn, Pandas, Matplotlib, Seaborn, Numpy.

A Study on Growth of Foreign Direct Investments (FDI) Inflows in India.
- Identified the sectors which received max and min FDI between 2000 to 2016.
- Data cleaning, Tableau, Treemap, Bar chart, bubble chart Dashboard creation.

Customer-Product analysis.
- Used a superstore dataset to identify which products gave maximum profit in terms of sales in different states.
- Trend Analysis, Tableau, Open street map, Treemap.

Analyzing Covid 19 (India) Data On Tableau.
- This dataset helps to understand the spread of Covid 19 in India.

TECHNICAL SKILLS

Python, Numpy, Pandas, Scikit Learn,

SQL, Data Analysis, Statistics, Tableau, Microsoft Excel, Data Visualization, Machine Learning, Classification, Regression, Problem Solving,

R-Programming, IBM SPSS, Predictive Modeling

Internship & Certification (2020)

- Participated in the Open Access Program in ANZ Virtual Internship. (08/2020)
- Completed the following online modules: Exploratory Data Analysis, Predictive Analytics.
- Data Analysis using Python – IBM.
- Data Visualization using Tableau - Great Learning.
- SQL Master Class: SQL for data analytics – Udemy
- Data cleaning with python – Kaggle.
- Machine Learning: Hands-on Python in Data Science – Udemy.

Education

M.Sc (06/2018): P.G Centre, Mangaluru University

Major subject: Statistics

B.Sc (06/2016): MGM College, Udupi

Major subject: Mathematics, Statistics, Physics

Academic and Personal Project

A Statistical Study on Status of Water Quality of 3 Rivers in India.
- Identifying the factors affecting the major pollution components.
- Identifying and grouping the stations based on similarities.
- R- Programming, Regression Analysis, Hierarchical Clustering, Dimension Reduction technique, Star Plot.

EDA on Google play store app
- To provide insights about android applications and their categories.
- Missing value imputation, python, pandas, seaborn

LANGUAGE

English, Kannada