SUMITHRA R

Data Analyst

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Date of Birth:
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Detail- Oriented Data Analyst with a Strong Background in Statistical Analysis, Data Visualization, and Data- Driven Decision Making. Proficient in using tools like Python, SQL, and Data Visualization Software to extract actionable insights from complex dataset. Experienced in creating and maintaining data pipelines and dashboards that have improved operational efficiency and decision-making processes. Proven ability to communicate complex findings in a clear and accessible manner to both technical and non-technical stakeholders. Passionate about leraging data to drive business growth and support strategic initiatives.

WORK EXPERIENCE

Research Associateship | Fiscal Policy Institute, Ministry of Finance Dept. Govt. of Karnataka. Website: https:// fpibengaluru.karnataka.gov.in, Bengaluru   **Jun 2022 - Feb 2024**

I served as a Research Associateship in terms of policy relevant research under the mentorship of esteemed Prof. M R Narayana Ph.D (Public University of Tsukuba, Japan) Former Director and Professor of ISEC, external members of RAC Prof. Kala Sridhar Seetharam, Experise in Urban Studies and Urban Local Government Finances from ISEC in Nagharbhavi, Bengaluru and Sri. S.R.S Nadhan, Director (Statistics Analysis & IT) Karnataka Evaluation Authority Planning Dept. GoK.
My first report titled **"Child Development Programmes and Schemes in ULBs in Karnataka: Implication for Child Budget of Government of Karnataka".** This report focuses on the identification and classification of the child-centric programmes and non-programmes in BBMP and in all the 314 ULBs of Karnataka from FY 2020-21 to 2022-23. The research report has determined the size of child-centric budget allocation in ULBs of Karnataka based on newly identified and classified the child- related programmes and non- programmes.The timeline of this report was from 2022 to 2023 June, has been successfully completed. My dedication, work hard and expertise have enabled me to excel in fufilling the responsibilities associated with this significant role.

My Second approved government report is **"Analysis of Gender Budget of Karnataka and Kerala"** The timeline is (from June 2023 to May 2024).
Position of Responsibility:
- Conduct research and analysis on various financial issues.
- Collect, organize and analyse data using a variety of qualitative and quantitative research methods.
- Support the development of research reports for public policy making.

Assistant Professor of Economics | South East Asian Group of Institution, Bengaluru   **Jan 2019 - Jun 2022**

- Developed and teach undergraduate and graduate-level courses in Economics,Commerece and Management.
- Published reserach findings in journals, articles and presented at conferences, seminars from national level to international level.
- Mentor and advise students on their academic and career goals.

EDUCATION

Master in Economics | Bangalore University, Bangaluru   **Jun 2016 - Jun 2018**

Ph.D in Economics (Pursuing), Part Time | Public State University of Tumkur, Tumkur, Karnataka   **Jul 2021 - Pursuing**

WEBSITES & SOCIAL LINKS

LinkedIn | GitHub

SKILLS

SQL (Advanced) | Power BI (Advanced) | Python Programming Language (Advanced) | Advanced Excel | DAX | Data Modelling | Power Query | Data Cleaning | Data Visualization | Power point presenation | Statistics and Probability | Complex problem solving | Team Management | Project Management | Adabtability | Communication | Honesty and Integrity | Logical and Analytical Skill | Machine Learning

COURSES

Advanced Certification in Data Analytics for Business at IIT Madras Pravartak & Intellipaat Solutions Pvt.Ltd.	Mar 2023 - Feb 2024
Data Analytics Traineeship at Maiyyam Knowledge and Carrers Pvt.Ltd.	Jul 2023 - Aug 2023

INTERNSHIPS

Data Analytics and Visualization Job Simulation | Accenture North America
Nov 2023 - Dec 2023

- Over the period of November 2023, has completed practical tasks in:
- Project Understanding & Modelling
- Data Visualization & Storytelling
- Present to the Client

Power BI Job Simulation | Forage
Sep 2023 - Oct 2023

Completed tasks in:
- Introduction
- Call Center Trends
- Customer Retention
- Data Visualization
- Diversity & Inclusion
- Microsoft Power BI

Data Analytics Consulting Virtual Internship | KPMG Australia
May 2023 - Apr 2023

Completed practical tasks in:

- Data Quality Assessment
- Data Insights
- Data Insights and Presenation

PROJECTS

Capstone Project (Netflix) with Advanced Python | GitHub LINK/ LinkedIn LINK

Problem Statement

1. Find out the list of most popular and liked genre
2. Create Model that finds the best suited Movie for one user in every genre.
3. Find what Genre Movies have received the best and worst ratings based on User Rating.

Capstone Project (Walmart) with Python | GitHub LINK/ LinkedIn LINK

Problem Statement

1. You are provided with the weekly sales data for their various outlets. Use statistical analysis, EDA, outlier analysis, and handle the missing values to come up with various insights that can give them a clear perspective on the following:
a. If the weekly sales are affected by the unemployment rate, if yes - which stores are suffering the most?
b. If the weekly sales show a seasonal trend, when and what could be the reason?
c. Does temperature affect the weekly sales in any manner?

d. How is the Consumer Price index affecting the weekly sales of various stores?

e. Top performing stores according to the historical data.

f. The worst performing store, and how significant is the difference between the highest and lowest performing stores.

2. Use predictive modeling techniques to forecast the sales for each store for the next 12 weeks.

Analyzing the trends of COVID-19 with Python | GitHub LINK / LinkedIn LINK

Problem Statement

Given data about COVID-19 patients, write code to visualize the impact and analyze the trend of rate of infection and recovery as well as make predictions about the number of cases expected a week in future based on the current trends.

AWARDS & ACHIEVEMENTS

SQL 5 STAR BADGE

- Solved a variety of SQL challenges on HackerRank to practice different aspects of the language, including JOIN operations, subqueries, and aggregate functions.
- Gained exposure to different problem-solving scenarios.
- Focused on writing efficient and optimized queries.
- Hackerarnk is a platform for consistent practice and a willingness to tackle challenges of varying difficulty levels.

GOT SQL CERTIFICATE FROM SCRATCH TO ADVANCED LEVEL ON HACKERRANK

LANGUAGES

English | Hindi | Tamil | Kannada

REFERENCES

Prof. M. R Narayana Ph.D (Tskuba University, Japan), Research Consultant & Academician

Fiscal Policy Institute, Ministry of Finance Dept. GoK
mrnarayana@yahoo.com | 9008999107

Prof. Jayasheela

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jayasheela_mu@yahoo.com | 9449819282

Prof. Ramesh Salian

Jawaharlal Nehru University
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