AKASH KACHA

Data Analyst/ Business Analyst

Veraval, India | 7405508687 | akashkacha21@gmail.com | LinkedIn | Project

A highly motivated M.Sc. Mathematics graduate with one year of teaching experience. Eager to leverage my strong analytical and problem-solving skills, along with proficiency in statistical tools, data analysis, and visualization, to contribute to the success of a dynamic data analytics team. Seeking an entry-level data analyst position to apply my academic background and teaching experience in a professional setting.

TECHNICAL SKILLS

• SQL	• Advanced Excel	• Tableau	• Data Modelling
• Power Query (M- Query)	• MySQL	• Python	• Data Cleaning
• Data Visualization	• SQL Server	• MS Power point	• Data Storytelling

WORK EXPERIENCE

ASSISTANT PROFEESER (MATHEMATICS) – Simar Science College – Veraval May 2022 - June 2023

- Specializing in courses such as linear algebra, calculus, linear programming (LPP), and statistics during my tenure as an assistant professor.
- Taught undergraduate students in linear algebra, statistics, and graph theory, developing their problem-solving and analytical skills.
- Strong communication and presentation skills developed through teaching, enabling effective communication of complex data insights.
- Proven ability to break down complex mathematical concepts into understandable terms

PROJECTS

TAXI DATA ANALYSIS (MAXIMIZING REVENUE FOR DRIVERS) | Task 1 | Task 2

- Utilized Python to Conducted a comprehensive analysis of payment mode trends to identify opportunities for revenue growth.
- Conducted a T-test to evaluate the relationship between payment type and fare amount, Testing the hypothesis that different payment methods influence fare amounts.
- visualized the data by using matplotlib to compile a professional Presentation to help executives with effective decision making.

CROP PRODUCTION ANALYSIS (1997-2015) – Virtual Internship Project -Unified Mentor Link

- Employed Python to categorize diverse crop data into specific crop categories, enabling efficient analysis and comparison.
- Conducted in-depth time series analysis of crop production data from 1997 to 2015 to identify long-term trends and cyclical patterns.
- Provided data-driven insights of top 5 crops with highest average yield for each state.

HR ANALYTICS DASHBOARD Link

- Developed an HR analytics dashboard to provide actionable insights into employee attrition, department-wise performance, and demographic trends.
- Identified critical HR metrics and KPIs to monitor organizational health and performance.

Book Recommendation System | Link

- Developed a book recommendation system using content-based filtering, to personalize book suggestions for users based on their preferences.

COFFEE SALES DASHBOARD| MS Excel | Link

- Developed a dynamic sales dashboard using Excel to visualize coffee sales trends, customer behavior, and key performance indicators.
- Analyzed sales data to identify peak seasons, customer preferences, and top-selling products, enabling data-driven decision-making for business strategy.

EDUCATION

Data Analytics	**06/2023-12/2024**
Jobaaj Learning	

MASTER OF SCIENCE IN MATHEMATICS	**08/2020 – 04/2022**
St'Xaviers college – Ahmedabad	**6.71 CGPA**

ACHIEVEMENTS

- Hacker Rank – SQL Gold Badge.
- Hacker Rank – Python Silver Badge.
- Enhanced personal and professional development through a finishing school program , focusing on communication, etiquette, and grooming skills.