Wafa Alsiddiq

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OBJECTIVE

Dedicated Statistics and Operation Research graduate form King Saud University with expertise in data analysis, statistical modeling, and process optimization. Skilled in predictive modeling and data visualization to transform complex datasets into actionable insights that enhance decision-making and efficiency.

EDUCATION

King Saud University   **[Sep, 2020] – [Dec, 2024]**
Bachelor of Statistics and Operation Research
GPA: 4.50 out of 5.00 | Second Class Honors Degree

PROFESSIONAL EXPERIENCES

Statistics Course Instructor   **[Sep, 2022] – Present**
Shaguf Platform | Riyadh

- Course Description: Statistical methods, Discrete and continuous probability distributions, Sampling distribution, Testing hypothesis, Correlation and Regression.
- Achieved a 5/5 evaluation rating on Shaguf platform while teaching over 400 college students specializing in Statistics and Operations Research.

PROJECTS AND RESEARCHS

- **Graduation Project "Saudi Arabia's Oil and Non-Oil Activities: A Forecasting & Analysis Perspective"**
  The project focused on analyzing and forecasting the contributions of Oil and Non-Oil activities to Saudi Arabia's economy using advanced time series methods, aligning with the goals of Vision 2030.
- **Machine Learning "Suhail"**
  Designed and implemented a machine learning regression model for **Suhail** platform, powered by Quant Data & Analytics, to predict real estate transaction prices.
- **Statistical Survey Methods**
  Analyzed financial awareness among male and female students at King Saud University and its impact on saving and investment behaviors, highlighting gender-based trends and their implications.
- **Time Series & Forecasting**
  Time series analysis on Saudi Arabia's exports, employing advanced forecasting methods to predict export price trends and provide actionable insights into economic patterns.

TECHNICAL SKILLS

Programming Languages:	**Statistical Analysis Tools**:
R	Python	Java	Minitab	SPSS	Excel
Database Management:	**Project Management:**
SQL	Microsoft Power BI

SOFT SKILLS

Communication	Teamwork
Problem-Solving	Time Management

CERTIFICATES AND COURSES

- SQL Fundamentals | Google Developer Student Clubs | KSAU-HS **[Jan, 2023]**
- Introduction to Data Science in Python | University of Michigan **[Sep, 2022]**

ACHIEVEMENTS

My graduation project has been awarded **FIRST PLACE** in the Scientific Poster Exhibition for undergraduate graduation projects at the College of Science, within the Department of Statistics and Operations Research.

LANGUAGES

Arabic: Native   **English:** Fluent