SARA ALLALI

(714)-768-7208 sallali@chapman.edu Sara Allali | LinkedIn Sallali02 (Sara Allali) (github.com)

EDUCATION

Chapman University, California - M.S Computational and Data Sciences	June 2023 - May 2025
Chapman University, California - B.A Psychology, Minor Analytics	August 2020 - May 2024

Relevant Courses

- Computer Science 1-2
- Biostatistics
- Enterprise Data Management
- Statistical Models
- Machine Learning
- Linear Algebra & Differential Equations
- Data Structures & Algorithms
- Applied Business Analytics
- Multivariate Data Analysis
- Interactive Data Analysis
- Natural Language Processing

TECHNICAL SKILLS

- R
- Python
- Java
- MS Excel
- SQL
- Tableau
- HTML
- CSS
- Javascript
- C++
- PowerBi

RELEVANT EXPERIENCE

Chapman University, Orange, CA   October 2023 - Present

Data and Systems Analyst Assistant in the Office of Career and Professional Development

- Clean and analyze datasets of various sizes in Microsoft Excel
- Extract data from Handshake based on leadership needs
- Develop visual reports and dashboards using Microsoft Power BI
- Work closely with the Data and Systems Analyst to meet project objectives
- Review data prior to publishing and verifying data for accuracy and consistency
- Perform other tasks as needed

RELEVANT PROJECTS

Impacts of Birth Control Methods on Metabolic Markers in Obese Women

- Research project with two group members
- Purpose of this study was to research the impacts of three types of contraception methods on metabolic markers in obese women
- Conducted statistical tests in R to analyze data and find relationships among variables

Computational Perspectives on Workplace Dynamics and Mental Health in the Tech Industry

- The goal of this survey-based study was to analyze how workplace policies and the environment may impact the employees' likelihood of seeking mental health treatment, and to develop machine learning models predicting treatment-seeking behavior.

Subscriber Optimization For Rosetta Stone

- Goal of project was to provide important findings and insights to assist Rosetta Stone in improving it's subscriber retention and engagement rates

ADDITIONAL

- **Certifications & Training:** Data or Specimens Only Research (CITI Program)
  Tableau Desktop: Speed & Performance Optimization (Udemy Course)
  The Complete SQL Bootcamp: Go From Zero to Hero (Udemy Course)
- **Languages:** Fluent in English, fluent in Arabic, conversational proficiency in French