Sameen Salam

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GitHub: https://github.com/sameen73/

OVERVIEW

Action-oriented analyst with experience in examining data and extracting useful insights. Skilled in utilizing a variety of software for cleaning, manipulating, and visualizing data. Excellent communicator with a knack for teamwork, leadership and end=to-end project oversight.

EDUCATION

Master of Science in Analytics May 2020
Institute for Advanced Analytics, North Carolina State University, Raleigh, NC

Bachelor of Science in Biology, Music May 2019
University of North Carolina at Chapel Hill

PRACTICUM- Primrose Schools

Team project conducted over the duration of the program using company data for analysis and presentation

- Enabling early differentiated support by creating explanatory linear models and predictive machine-learning models to forecast school enrollment twelve months and three years after opening
- Identifying areas of strength, weakness, and consumer interest for over 400 schools nation-wide by performing text analysis and clustering of online reviews of the schools
- Presenting results of analysis in interactive Tableau dashboard
- Spearheading the creation of analytical pipelines as Technical Lead

SKILLS

- Software: R, Python, Tableau, SQL, SAS

CERTIFICATIONS

- SAS Certified Specialist: Base Programming using SAS 9.4
- SAS Certified Business Analyst using SAS 9: Regression and Modeling

PROFESSIONAL EXPERIENCE

Biology Department at UNC Chapel Hill, North Carolina
Research Assistant Aug 2017 – May 2019

- Analyzed hundreds of coordinate data sets in R and MATLAB for different strains of yeast
- Created an algorithm in Python that took pixel data from images and constructed a noise floor histogram as part of a larger software package to take on deeper analyses
- Wrote technical reports and presented a research poster for dozens of fellow students and faculty in the biology department
- Edited lab protocols for image analysis pipelines for use by incoming undergraduates
- Collaborated with other members of the lab to develop and implement analytical pipelines