Sameen Salam

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Portfolio: http://sameen73.github.io/

OVERVIEW

Action-oriented analyst skilled in utilizing a variety of software for cleaning, visualizing and modeling 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

SKILLS

- Software: R, Python, Tableau, SQL, Jupyter, MATLAB, SAS, Excel

PROFESSIONAL EXPERIENCE

Cape Fear Collective Wilmington, North Carolina
Data Science Intern May 2020 – Present

- Sourced, cleaned, and transformed (in R) publicly available demographic, population, and economic data to create over 100 county-level socioeconomic indices
- Created cumulative performance metrics summarizing said indices for over 3000 counties
- Utilized k-means methodology to determine county-level peer groups
- Summarized insights in a comprehensive dashboard to inform future work on a regional scorecard

Primrose Schools Atlanta, Georgia
Practicum: Team consulting project conducted over duration of graduate degree Sep 2019 – May 2020

- Enabled early differentiated support by creating explanatory linear models and predictive machine-learning models (in R) to forecast school enrollment twelve months and three years after opening
- Identified areas of strength, weakness, and consumer interest for over 400 schools nation-wide by performing text analysis and clustering (in Python) of online reviews of the schools
- Presented results of analysis in interactive Tableau dashboard to senior executives
- Spearheaded the creation of analytical pipelines as Technical Lead

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

- Analyzed hundreds of image 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