Salih Tuzen, M.Sc.

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EDUCATION & CERTIFICATION

MS in Statistical Computing/Data Mining, UCF, Orlando, FL, GPA: 3.90   **May 2020**

BS in Mathematics, Afyon Kocatepe University, Afyon, Turkey   **June 2011**

SAS Base Programming Certificate, SAS   **October 2019**

TECHNICAL SKILLS

General Programming: Python
Data Science Frameworks: Pandas, NumPy, Scikit-learn, Keras, Seaborn, Matplotlib, Selenium
Statistical Programming: SAS (Certified), R
Data Oriented: Tableau, MS Excel, MySQL, Proc SQL, Prep Builder
Other: Machine Learning, Data Visualization, Hypothesis Testing, Deep Learning, Time Series Forecasting, NLP, Web Scraping

EXPERIENCE

Data Analyst, Clymer Farner Barley Inc, Wildwood, FL   **(2020 –Present)**
- Created and managed interactive Tableau dashboards that coordinates projects and their schedules with the stakeholders.
- Visualized construction development within The Villages; the largest retirement city in the US.
- Scraped property data using Selenium from county appraisal sites to be used in tableau visuals.

Assessment Coordinator, Orlando Science Schools, Orlando, FL   **(2015 –2020)**
- Successfully analyzed student test scores and communicated results with the school administration using data visualization methods to increase efficiency.
- Ensured that the school assessment plan complies with local, state and federal regulations.

Math Teacher, Fulton Science Academy, Alpharetta, GA   **(2012 –2015)**
- Successfully trained math team students to prepare them for challenging local, state and nation-wide math competitions.

PROJECTS   *https://github.com/stuzen*

- **Schedule Map**
Created a dynamic map with a linked calendar so that user can click on a date and see the current status of all projects in The Villages. It is used by the administration and engineering department to overview the development of the city and make informed decisions.

- **A sentiment analysis on George Floyd tweets**
Scraped most popular tweets about George Floyd and applied several NLP methods to extract sentiment. Methods used: Bag of Words, Term Frequency-Inverse Document Frequency, Polarity-Subjectivity Scores