Saafir Hale

I am a Data Enthusiast turned Data Analyst, skilled in multiple programming languages. I have a passion for data equality and data transparency. I'm committed to bringing different perspectives and experiences with the latest development tools to data to find company insights.

SOCIAL

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EDUCATION

Penn Foster Highschool, Online — *Highschool Diploma (At the age of 15)*

June 2018

PROJECTS

Cyclistic Bikeshare (Capstone) — *Google Data Analytics Professional Capstone*

March 2022

This capstone is about Cyclistic Bikeshare subscriptions and how they fit users via user habits and daily usage. Excel to clean the data and R to create the visualizations.

Bellabeat Fitness Tracker (Capstone) — *Google Data Analytics Professional Capstone*

April 2022

The capstone analyzed Fitness Tracking data to create conclusions about wellness relationships. For example: How do daily steps affect daily sedentary time?

Covid-19 Data Exploration — *Personal Project*

February 2022

This project showcased how Covid affects each country via death percentage and infection rate.

NHL Outcome Prediction Model — *University of Michigan Sports Performance Analytics*

April 2022

A rough prediction model project using 2017 NHL Game Data and a Grid Search Decision Tree.

SKILLS

Python
JupyterLab/Notebook
R
RStudio
SQL
Excel
Tableau
PowerPoint
Machine Learning
HTML
CSS
Git
JavaScript
Angular
C++/C#
Word

SOFT SKILLS

Leadership
Communicative
Independent
Team Player
Multitasker

LIBRARIES

Pandas
NumPy
SciKit-Learn
GeoPandas
TensorFlow
BeautifulSoup
Seaborn
Ggplot2
Tidyverse
Dplyr

TRAINING

Kaggle

August 2020 - January 2021

Achieved experience with functions, booleans, lists, loops, dictionaries, and external libraries.

- *Python* – August 2020
  - Achieved experience with functions, booleans, lists, loops, dictionaries, and external libraries.
- *Intro to Machine Learning* – August 2020
  - Learned about data exploration, built first ML model, model validation, fine-tuning (underfitting and overfitting), and random forests.
- *Intermediate Machine Learning* – August 2020
  - The course uncovered missed values, categorical variables, pipelines, cross-validation, XGboost, and data leakage.
- *Data Visualization* – September 2020
  - Utilized Seaborn, line charts, bar charts, heatmaps, scatter plots, and custom plot styles.
- *Pandas* – September 2020
  - Learned creating, reading, writing, indexing, selecting, assigning, extracting insights, grouping, sorting, data types, missing values, renaming, and combining.
- *Intro to SQL* – October 2020
  - Used SQL and BigQuery to get insights, order results, and organize and combine data from queries.
- *Advanced SQL* – October 2020
  - Learned to combine multiple tables, perform complex calculations, query complex data types, and write efficient queries.
- *GeoSpatial Analysis* – November 2020
  - Used GeoPandas library to use Coordinate Reference Systems, create interactive heatmaps, choropleth maps, geocoding, join data based on spatial relationships, measure distance, and explore neighboring points on a map.
- *Machine Learning Explainability* – November 2020
  - Learned to extract human-understandable insights from ML models and studied permutation importance, partial plots, SHAP values, and aggregating SHAP values.
- *Data Cleaning* – January 2021
  - Mastered handling missing values, scaling and normalization, parsing dates, character encodings, and efficiently fixing inconsistent data entry.

ServiceNow Platform Implementation — *ServiceNow*

March 2020

The course covered core system setup, configuration management database, LDAP, Single Sign-On, Web Services, REST API, Waterfall, Agile methodologies, end-to-end sprint cycles, and ServiceNow engagement processes.

ServiceNow Administrator — *Mark Miller*

September 2019

The course gave an understanding of the ServiceNow Platform and understanding of configurations and customizations (Client-side and

Server-side). Covered UI policies, UI actions, business rules, the script includes, data policies, and workflows.

ServiceNow Developer — *Mark Miller*
November 2019

Developed APIs on the ServiceNow Platform using the ServiceNow GlideAjax API. Learned about GlideRecord, GlideRecord, GlideAjax, GlideForm, GLideUser, and GlideDataTime. Used JavaScript, HTTP, and Databases in the Developer course.