Nathaniel Jones

Data Scientist

linkedin.com/in/Nathaniel-Jones711/
github.com/njones738
Nathaniel.jones711@gmail.com

Focus:

Detail-focused Data Scientist with knowledge in numerical methods, nonparametric methods, parametric methods, binary classification and logistical modeling, machine learning, data cleaning and variable reduction. Proven ability in Python, R, and SAS programming to visualize and describe data into actionable project plans. Dedicated and hard-working with passion for Big Data.

EDUCATION:

Kennesaw State University — Expected Graduation: **2021—12**

Bachelor of Science in Applied Mathematics

- Minored in Applied Statistics and Data Analysis

Certifications

Research Data Services @ Georgia State University Data Certification — **2021—05**

- Completed workshops on data analysis tools (SAS, Python, and R), data analysis methods (Mixed Methods), and finding data (Marketing Data).

Research Presentations & Projects

"Access to Higher Education"—R — **2021—04**

- Conducted research on the College Scorecard dataset through parametric and nonparametric methods using the R packages stats, perm, and jmuOutlier.
- Researched on the post-secondary institutions with a majority undergraduate population receiving a Pell Grant.
- Used tidyverse functions to clean the dataset of missing values and manipulate data into usable information.

Two-Layer Neural Network—Python — **2021—05**

- Created a Multilayer Perceptron in Python as a class object to predict whether an individual in 1994 earned $50,000 or more from Census data.
- Used functions in NumPy to define functions in a class that creates a 0,1, or 2-layer neural net from user input.

Using Logistic Regression to Build Credit Scores—Python, SAS — **2021—05**

- Created a model to predict a customer's credit score by a binary predictor that indicated whether a customer was considered a credit risk
- Used procedures in SAS with a macro to impute 1.2 million observations with over 300 parameters. A logistic regression analysis was conducted to analysis the profitability of the model created in this process.

WORK EXPERIENCE:

Tyme Global—Remote Data Entry Agent — **2020—07** *to* **2020—10**

- Entered client information into databases with speed and accuracy and managed documents by organizing forms, filing records, and creating agent reports.
- Outlined appropriate processes and procedures to fulfill and complete forms.
- Verified accuracy and validity of data entered in databases. Corrected any data entry error to prevent later issues such as duplication or data degradation.

Dynata—Remote Data Entry Agent — **2020—04** *to* **2020—08**

- Collected responses to surveys and polls on behalf of various Research and Data collection firms.
- Engaged in the data collection process where I quickly assessed new surveys and asked respondents for their input to the survey question.

SBK International—Warehouse Data Manager — **2020—01** *to* **2020—06**

- Evaluated inventory and supplies to check for quality and quantity issues while handling the day-to-day shipping and receiving of incoming inventory and outgoing wholesale orders.
- Redesigned warehouse layout to accommodate new equipment, maximize space utilization, and improve process efficiency. Created and enforced detailed organization processes to increase quality service standards.
- Oversaw and motivated team of three employees in warehouse to increase the value of the bi-weekly purchase order by 15% while reducing the time needed to collect and process an order by 30%.

CODING LANGUAGES:

- **Python**
- **R**
- **SAS**
- **MatLab**
- **SQL**
- **JAVA**
- **HTML**

SKILLS:

- **Exploratory Data Analysis**
- **Organized, Critical Thinking, Creative Problem Solving, Perceptive, and Active Learner**
- **Goal-focused and detail-oriented team player**
- **Innovative, adaptable, and determined**
- **Microsoft Office: Excel, Word, Powerpoint and Teams**
- **Machine Learning for Data Science and Feature Analytics**
- **Statistics and Numerical Analysis**
- **Nonparametric and Parametric statistical methods**
- **Binary Classification and Logistical Regression analysis**
- **Number Wizard**
- **Git/GitHub**

PACKAGES:

- **Python:**
  - **TensorFlow and Keras**
  - **NumPy**
  - **SciPy**
  - **Pandas**
  - **scikit-learn**
  - **Matplotlib**
  - **seaborn**
  - **plotnine**
- **R:**
  - **dplyr**
  - **ggplot2**
  - **magrittr**
  - **stats**
  - **perm**
  - **jmuOutlier**