Charito Mascio

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**Objective:** Highly motivated and analytical data science graduate seeking an entry-level position in data science. Strong background in statistical analysis, machine learning, and programming, with a passion for leveraging data-driven insights to solve complex problems. Eager to contribute to a dynamic team and gain practical experience in the field of data science.

**Education:**

Springboard Data Science Career Track, Certification, August 2023

7-8 month intensive course in data science, machine learning, Python and SQL.

Bachelor of Science in Physical Therapy, University of Santo Tomas, Manila, Philippines

**Skills:**

• Programming Languages: Python, SQL

• Statistical Analysis: Hypothesis testing, regression analysis, clustering, time series analysis

• Machine Learning: Classification, regression, decision trees, random forests, gradient boosting

• Data Visualization: Matplotlib, Seaborn

• Data Cleaning and Preprocessing: Pandas, NumPy

• Database Management: SQL

• Tools: Jupyter Notebook, Git, Excel

• Detail-oriented with a strong emphasis on accuracy

**Experience:**

Springboard Data Science Career Track – Student

Description: 500+ hours of hands-on course material, with 1:1 industry expert mentor oversight, and completion of 2 in-depth portfolio projects. Mastered skills in Python, SQL, data wrangling, data visualization, hypothesis testing, and machine learning.

**Projects:**

1. Predictive Analysis of Diabetes Risk

* The goal of the project is to predict if a person is at risk of Diabetes based on a number of risk factors.
* Developed a machine learning model using Python to predict whether a person is at risk for Diabetes.
* Performed data cleaning, feature engineering, and implemented algorithms including logistic regression, random forests, Gradient Boost, KNN, SVM.
* Achieved a predictive recall of 79% with Gradient Boost
* Github URL: <https://github.com/charriemascio/Capstone2Diabetes>