**Springboard**

This repository hosts all projects/assignments completed by Neetin Verma as part of the Springboard Data Science Career Track program 2020/2021

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**Data Acquisition**

1. **SQL queries :**

Answer questions using a country club database

https://github.com/neetinds/Springboard/blob/master/SQL\_Mini\_Pro/SQLMiniProject.sql

1. **API & Requests package:**

Answer questions about Basilea Pharmaceutica AG (ticker PK5\_UADJ) stock on the Frankfurt Stock Exchange using the Quandl API

https://github.com/neetinds/Springboard/blob/master/api\_miniproject/api\_data\_wrangling\_mini\_project.ipynb

**Statistics**

1. **Experimental design & Hypothesis testing & Normality test**

Frequentist Inference Part 1: Sampling for the Normal distribution, sampling distributions, Central Limit Theorem, and confidence intervals

https://github.com/neetinds/Springboard/blob/master/frequentist\_inference/dataFrequentist%20Inference%20Case%20Study%20-%20Part%20A.ipynb

1. **Frequentist Inference Part 2: Frequentist hypothesis testing using a hospital's medical charges dataset**

https://github.com/neetinds/Springboard/blob/master/frequentist\_inference/dataFrequentist%20Inference%20Case%20Study%20-%20Part%20B.ipynb

Supervised Learning

- Linear regression

- Logistic regression

- Naive bayes