



Springboard certifies that

**Keang Cheang Ung**

has successfully completed

**Data Science Career Track**

A 275-hour online Data Science course that covers Python, Machine Learning, Data Storytelling and Data Visualization Keang completed two final projects, "Feature Selections for Predicting House Price in Nashville" and "Topic Modeling on Twitter using LDA, TF-IDF and K-means.", that was reviewed by an independent industry expert.

### Mini-Projects Completed

Three Exploratory Data Analysis projects  
Linear & Logistic Regression  
Time Series Analysis  
Recommender Systems  
Naive Bayes  
Customer segmentation using clustering  
MapReduce with Spark

### Topics Covered

Data Story  
Elective | Advanced Data Visualization  
Elective | Data at Scale  
Programming in Python  
Data Wrangling  
Inferential Statistics  
Machine Learning

A handwritten signature in black ink, reading "Parul Gupta".

**Parul Gupta**

Head of Educational Programs, Springboard

A handwritten signature in black ink, reading "Kevin Glynn".

**Kevin Glynn**

Data Science Career Track Mentor, Springboard

Verified Certificate of Completion 31280 | February 21, 2018