



Springboard certifies that

**Tonia Chu**

has successfully completed

## Data Science Career Track

A 275-hour online Data Science course that covers Python, Machine Learning, Data Storytelling and Data Visualization Tonia completed two final projects, "Factors associated with differences in Life Expectancy across the US" and "How many stars will I give? Predicting ratings of Amazon reviews", 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 "Srdjan Santic".

**Srdjan Santic**

Data Science Career Track Mentor, Springboard