



## Pranjilika Goswami

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### ➤ About Me

Coming straight from university I have excellent subject knowledge from my study program as I'm having a Bachelor degree in *Computer Science, Statistics and Mathematics*. I am skilled in the area of Data analysis and Programming.

With an advanced degree in *Statistics*, I am looking forward for a challenging position with an esteemed organization which provides opportunities for advancement of my analytical and technical skills that I gained and help me to contribute to the growth of organization and professional development.

### ➤ Education

#### **Master of Science (Statistics)**

Panjab University,  
Chandigarh  
India

Graduated, August 2015  
Marks 58.50%  
Division 2

#### **Bachelor of Science (Computer Science, Statistics and Mathematics)**

Punjabi University,  
Patiala, Punjab  
India

Graduated, July 2013  
Marks 64.62%  
Division 1

#### **10+2 (Intermediate)**

Himalaya Public School,  
CBSE Board,  
Karnal, Haryana, India

Graduated, July 2009  
Marks 63%  
Division 1

#### **10<sup>th</sup> (High School)**

S.D. Adarsh Public School,  
CBSE Board,  
Karnal, Haryana, India

Graduated, July 2007  
Marks 65.20%  
Division 1

### ➤ Work Experience

December 2014 – January 2015

#### **Intern, Field Operations Division (FOD)**

**The National Sample Survey Office (NSSO),  
Ministry of Statistics and Program Implementation,  
Government of India**

- Performed surveys in the field of Socio- Economic, Prices as per the approved programs of the Government of India.
- To get familiarized with the Official Statistical System of the Country with specific reference to data collection, processing, analysis, publication and dissemination needs.
- Collecting, cleaning and manipulating data in surveys that generate estimates and parameters that provide the tools for formulation of various plans and programs of the Government of India.

## ➤ Skills and Tools

- **Statistics:** *Probability, Linear models, Statistical methods, Non-Parametric Inference, Numerical Analysis, Statistical Inference and Hypothesis testing, Sampling techniques, Econometrics, Time Series Analysis, Demand Analysis, Index numbers, Official Statistics, Design of Experiments, Statistical Quality control and Six Sigma, Operational Research, Stochastic Process, Multivariate Analysis, Demographic and Vital Statistics*
- Regression Analysis, Linear Discriminant Analysis(LDA), Principal Component Analysis
- Clustering, K means
- Apriori, Thompson Sampling, Reinforcement Learning, Natural Language Processing, Deep Learning and Upper Confidence Bound
- **Classification:** Logistic Regression, Decision Trees, K-NN(K- Nearest Neighbors), SVM(Support Vector, Machine), Naive Bayes
- **Ensemble Models:** Random Forest, Boosting
- **Neural Networks:** Artificial Neural Networks, Convolution Neural Networks,
- **Programming:** FORTRAN, C , C++,Oracle, MATLAB, HTML, VBA, R, Python, SQL
- **Software:** MS Word, MS PowerPoint, MS Excel, SPSS, SAS

## ➤ Certifications and Conferences Attended

- **Machine Learning A-Z™: Hands-On Python & R In Data Science**(an online non-credit course authorized by SuperDataScience Team and offered through Udemy)
- **Data Analytics Fundamentals** through AWS training and certification
- **The Elements of Data Science** through AWS training and certification
- **Data Science Capstone: Real World ML Decisions** through AWS training and certification
- **SQL for Data Science**(an online non-credit course authorized by University of California, Davis and offer through Coursera)
- **Getting Started with SAS Programming**(an online non-credit course authorized by SAS and offered through Coursera)
- **Introduction to Programming with MATLAB**(an online non-credit course authorized by Vanderbilt University and offered through Coursera)
- **R Programming A-Z™: R For Data Science With Real Exercises!** (an online non-credit course authorized by SuperDataScience Team and offered through Udemy)
- **Introduction to Statistics & Data Analysis in Public Health**(an online non-credit course authorized by Imperial College London and offered through Coursera)
- **Linear Regression in R for Public (Health)** an online non-credit course authorized by Imperial College London and offered through Coursera)
- **Introduction to Artificial Intelligence** (an online course from Simplilearn)
- **Introduction to Data Analytics** (an online course from Simplilearn)
- **Introduction to Robot Process Automation** (an online course from Simplilearn)
- Chandigarh Science Congress (CHASCON)- 2015
- Volunteer in the '*National Conference on Advances in Theoretical and Applied Statistics*'
- Participated in Department of Statistics Quiz
- Participated in SKEWSION 2015 fest in Department of Statistics
- Attended personality development sessions as a non-credit course in Panjab University, Chandigarh

## ➤ Languages

- Hindi
- English
- Punjabi
- Sanskrit

## ➤ Strengths

- Subject Matter Expert: extensive knowledge of statistics
- Good knowledge of economic theory and ability to integrate new statistics within economic analytical framework.
- Strong analytical and technical skills to distil complex information in concise user friendly format.
- Quick learner and Hardworking.
- Optimistic and Innovative.
- Leadership skills and Problem-solving mindset.
- Progressive and Punctual.
- Strong interpersonal skills and communication skills.
- Able to think practical and handle critical situation.
- Strong ability to meet tight deadlines.

## ➤ Personal Interests

- Reading Books
- Sketching and Drawing
- Singing
- Serving People

## ➤ Personal Details

- Father's Name: Mr. Pushpinder Goswami
- Birthday: April 16, 1992
- Gender: Female
- Marital Status: Single
- Nationality: Indian

## ➤ Declaration

I, Pranjilika, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

Pranjilika

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