



Ankit Goyal

Mathematics and Statistics Teacher

👤 Profile

A young fresher Mathematics and Statistics Lecturer aspirant with analytical and logical mind, possessing the ability to explain difficult mathematical and statistical concepts in easy, innovative and practical ways and can communicate eloquently in both English and Hindi. Open to learn as many dimensions as possible. Working toward self-growth and growth of society as well. Interested in applying my statistical knowledge for the general well-being. I'm good at problem solving and loves handling new situations and adapting to them.

🎓 Education

MSc Statistics , Banaras Hindu University , Varanasi

December 2021 — June 2023

I have completed my masters from a very reputed university with very good grades of 9 CGPA. I have learnt many core and applied papers related to fields of Statistics and Operations Research in my curriculum. Apart from theoretical knowledge, I got the opportunity to enhance my skills upon the programming languages and softwares like Python, R, SAS, SQL, MS Excel. Additionally I have done some Ability enhancement and skill related courses from professional sources

BSc Mathematical Science , Maharaja Agrasen College, University of Delhi , New Delhi

July 2018 — May 2021

I have completed my graduation with high honors from Delhi University. My overall CGPA was 9.455 and I have always been there in top 3 students among my batch for all the consecutive 3 years of my degree. I was able to learn basic concepts of Mathematics, Statistics and Operations Research during my graduation which made me excited to pursue the field of Education in Statistics

12th Class , Indira Ideal Senior Secondary School , New Delhi

April 2017 — March 2018

I have completed my schooling by securing 92% in 12th grade of CBSE examination

10th , Indira Ideal Senior Secondary School , New Delhi

April 2015 — March 2016

I passed my 10th grade with a cgpa of 8.8

🎓 Online Courses

Corporate Finance , SWAYAM, NPTEL

July 2022 — August 2022

Principles of Human Resource Management , SWAYAM, NPTEL

October 2022 — November 2022

Details

New Delhi

India

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Skills

Mathematics

Statistics

Problem Solving

Quantitative Aptitude and Logical Reasoning

Communication Skills

Applied Statistics

Operations Research and Linear Programming

Probability

Hobbies

Singing, Anchoring, Outdoor Sports, Biking, Writing Poetry, Adventurous Activities, Playing Chess and UNO

Languages

English

Hindi

★ Projects

Laptop Price Prediction Project Using Regression Analysis, Varanasi

August 2022 — September 2022

1. Used laptop dataset available on Kaggle website.
2. Used Python for data cleaning and created various important features for prediction
3. Performed EDA and Feature Engineering to gather insights and prepare the data for further prediction
4. Applied models such as Linear Regression, Ridge Regression and Lasso to predict price of laptops
5. Compared model performances using certain matrices and managed to get a r^2 score of about 88%

Rainfall prediction, Varanasi

October 2022 — November 2022

1. Performed EDA to understand the relationship between variables and data pre-processing to check whether the data have missing values, outliers or not.
2. Used models such as Logistic Regression, KNN, Random Forest Classifier to predict on the basis of numerous weather observations for 49 locations across Australia whether it will rain tomorrow or not
3. Calculated confusion metrics to summarise and evaluate model performance using precision, recall and f1 score

★ Academic Courses

Linear Algebra

Differential Equation

Calculus

Real Analysis

Probability

Sampling Survey

Regression Analysis

Data Analysis and Visualization

Statistical Inference and Hypothesis Testing

Applied Statistics, Demography, Time Series

Statistical Quality Control

Advanced Operations Research

Design of Experiment

Statistical Decision Theory

Multivariate Analysis

★ **Extra Curricular Activities**

President of Department of Mathematics , New Delhi

September 2020 — May 2021

I served on the position of President in the Student Union of Mathematics Department for the welfare of students. I organised Cultural fest, Maths Quiz Competitions, Coding competitions, Educational Talks with Renowned Dignitaries and Seminars, Training Workshops

General Secretary of Department of Mathematics , New Delhi

August 2019 — May 2020

Volunteer of Training and Placement Cell, Maharaja Agrasen College , New Delhi

August 2020 — May 2021

Head Coordinator of Sankhyik committee , Varanasi

March 2022 — June 2023

Anchor , Varanasi

July 2018 — Present

I have done Anchoring on many events during my Graduation and Masters during many cultural fests, educational workshops, training sessions and cultural celebrations

Mathematics Quiz Competitions

April 2016 — Present

I have taken part in many quiz competitions organised in my school and college and have won cash prizes and certificates

Chess Competitions