Ankit Goyal.

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.

Achievement

Qualified **UGC NET** exam in the subject **POPULATION STUDIES i**n December 2023

Education

MSc Statistics , Banaras Hindu University , Varanasi

(November 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, 5A5, SQL,M5 Excel.Additionally 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 - June 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 and Statistics

Details

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New Delhi India

Skills

Mathematics

Problem Solving

Quantitative Aptitude and Logical Reasoning

Communication Skills

Applied Statistics

Operations Research

Linear Programming

Probability

Hobbies

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

Languages

English

Hindi

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 Class , Indira Ideal Senior Secondary School. New DELHI

(April 2015 - March 2016)

Passed 10th class with a CGPA of 8.8 in CBSE board

Projects

1) Laptop Price Prediction Project Using Regression Analysis

   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 mode\s 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 r2 score of about g@0/g

2) Rainfall prediction

   1) Performed EDI to understand the elationsh\p bet' eel variab\es and data preprocessing 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 summarize and evaluate mode\ performance using precision, recall and f1 score

★ Academic Courses

1) Linear Algebra

2) Differential Equation

3) Calculus

4) Real Analysis
5) Probability

6) Sampling Survey

7) Regression

8) Data **Analysis** and Visualization

9) Statistical Inference

10) Hypothesis Testing

11) Applied Statistics

12) Demography

13) Time Series

14) Statistical quality Control

15) Advanced Operations Research

16) Design of Experiment

17) Statistical Decision Theory

18) Multivariate Analysis

Extra Curricular Activities

1) President of Department of Mathematics , Hew Delhi

2) I served on the position of President in the StL dent Union of Mathematics Department for the welfare of students. I organized Cultural lest, Maths Quiz Competitions, Coding competitions, Educational Talks with Renowned Dignitaries and Seminars. Training Workshops

3) General Secretary of Department of Mathematics , New Delhi

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

5) Head Coordinator of Sankhyik committee , Varanasi
Anchor , Varanasi

6) I have done Anchoring on ‹many events during my Graduation and Masters during neat CL Itural fests, educational workshops, training sessions and cultural celebrations

7) Mathematics Quiz Competitions

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

9) Chess Competitions