SHREY SHARMA

CONTACT

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GitHub
https://github.com/ShreyS92

SKILLS

Programming languages:
- R
- Python
- C/C++
- SPSS

Statistical Software and platforms:
- MS Office Suit
- SQL
- Power BI
- Sklearn

SOFT SKILLS

- Communication
- Interpersonal skills
- Problem solving
- Attention to detail
- Industrious

ABOUT ME

- Age: 24 years
- Languages: English, Hindi
- Hobbies: Quizzing, Playing Violin and Kalimba and Cooking

SUMMARY

Graduate from University College Dublin with MSc. in Statistics. A hard-working team player and a motivated learner. Seeking a role in a dynamic and innovative environment to apply my analytical expertise and statistical knowledge, thus contributing to the functioning of the institution.

- Experienced in a number of major statistical programming languages such as R, Python and SPSS.
- Adept at various data visualization and organization software.
- Knowledgeable in leading statistical trends including data mining, machine learning, and multivariate analysis.
- Ability to work independently and in a team environment
- Excellent problem-solving and communication skills

EXPERIENCE

Masters Dissertation: Using K-Means Cluster Analysis for Measuring Competitive Balance in English Football.   Mar 2022-Aug 2022

- Applied K-Means and other Cluster Analysis methods to determine the competitive balance in a sports league, specifically the English Premier League.
- Suggested a new method of analysis having the ability to visualize subtleties missing from other prominent methods.
- Found a decreasing trend of competitiveness in English Football with dominance among few major teams explaining the salient points that other methods cannot.

Internship: Tata Motors Limited, Delhi, India on Material Management and Debtors Aging Reconciliation.   July 2019 - Aug 2019

- Worked on early analysis and compiled preliminary points of interest from the given raw data.
- Compiled incomplete or incorrect data points in the data set for further inquiry.
- Learned the organisation of large datasets and methods to filter out relevant data.

Projects

Prediction of Survival of Teams in their First Season Promoted to the Premier League

- Collected data regarding teams that were promoted each season of the Premier League.
- Applied early graphical and statistical analysis methods to determine early discussion points and further actions that might be required.
- Created a Logistic regression model to predict whether a team will survive the first season after promotion to the Premier League or will get relegated.

EDUCATION

MSc Statistics: University College Dublin   2021-2023

- Machine Learning| Multivariate Analysis | Data Mining | Statistical Modeling

BSc. (H) Statistics: Delhi University, India.   2017-2020

- Linear Models|Time Series Analysis | Financial Statistics | Stochastic Process

Member: **Quizzing Society of University of Delhi, Conquiztadors 2017-2020**

- Participated in various intercollege quizzes and gained podium finishes for the university.
- Organised multiple quizzes for the university including events for specially-abled students.