ESHITA GOEL

eshitabusiness@gmail.com | **Portfolio:** https://eshitagoel.github.io/ | **LinkedIn:** linkedin.com/in/eshitagoel
GitHub: github.com/eshitagoel | **Blog**: https://eshitagoel.medium.com | **Location:** London | **IELTS** 8.5/9

EDUCATIONAL AND ACADEMIC QUALIFICATION

M.Sc Data Science – (Expected 2022)
London School of Economics and Political Science (LSE)
Relevant Modules: Managing and Visualising Data, Machine Learning and Data Mining, Data Analysis and Statistical Methods, Artificial Intelligence, Deep Learning, Distributed Computing for Big Data

B.Sc (Hons) Mathematics – (Graduated 2021, **1st Rank** in the University with CGPA **9.93/10**)
St. Stephen's College, University of Delhi
Relevant Modules: Probability and Statistics, Linear Algebra, Multivariable Calculus, C++ Programming, Databases, Discrete Mathematics, Linear Programming and Theory of Games

EXPERIENCE

Data Science Intern, ZXservices   May 2021 – Jun 2021
- Performed **Sentiment Analysis** on **800K text records** to create a metric for rating colleges
- Scraped data from over **750+ webpages** using **Beautiful Soup** and **Selenium**
- Cleaned and tagged over **32,000+ customer reviews** and stored them in a database using **Django**
Skills Gained: Web Scraping, Sentiment Analysis, Django ORM

Analyst, Data 360   Nov 2020 – Jun 2021
- Responsible for contributing to the monthly **Data Driven Newsletter**
- Wrote articles on **Data Science Algorithms**, **Machine Learning**, **Mathematics** and Data in Everyday Life
Skills Gained: Data Science Algorithms, Technical Writing

Data Science Intern, The Sparks Foundation - Singapore   August 2020
- Volunteered for **4 mini-projects** related to Data Science and Analytics
- Published in **Medium's Largest Active publication** "The Startup" with over **740K followers** for the articles written
Skills Gained: Machine Learning Algorithms – Linear Regression, K-Means Clustering, Decision Trees

Content Development and Writing, Holidify   June 2019
- Wrote **30+ articles** on their official website totalling more than **25000 words**
- **Proposed strategies** to make travel planning easy and efficient through consolidated travel articles/brochures
- Met all deadlines before time, formatted the look of the articles on the website to make the website **attractive and engaging**
Skills Gained: Content Development, SEO

RECENT PROJECTS

Web Scraping – Text and Images
- Used **Beautiful Soup** to scrap Product Information from Flipkart.com for any product searched by the user
- Deployed the Review Scraper using **Heroku**
- Made an **Image Scraper** to scrap the specified number of Google Images for any keyword searched by user using **Selenium**
Skills Gained: Web Scraping, Beautiful Soup, Selenium, Heroku Deployment

Titanic: EDA and Classification Algorithms
- Performed Data Cleaning, Handling missing values, and EDA on the Titanic Dataset
- Explored how 7 different Classification Algorithms performed on the cleaned data
Skills Gained: EDA, Data Cleaning, Classification Algorithms

Location Based Clustering & Application of Foursquare API
- **Scraped** and cleaned data from **Wikipedia** about Canadian neighbourhoods
- **Extracted** location based data from **Foursquare API** (example: Top 100 attractions in a 700m radius of each location)
- Performed grouping and **K-Means Clustering** on the data to make clusters out of similar neighbourhoods
Skills Gained: Unsupervised Machine Learning, APIs

SKILLS

Languages: Python, R, C++, HTML, Maxima, Mathematica
Machine Learning: Regression (Linear & Polynomial Regression, Ridge, Lasso and Elastic Net), Classification (Logistic Regression, Decision Trees, Random Forest, K-Nearest Neighbor, SVM, Naïve Bayes), Unsupervised (Clustering Techniques)
Databases: SQL, Python Django
Deep Learning and NLP: Sentiment Analysis using VADER
Visualization: Tableau, Matplotlib, Seaborn