

# JAISHREE JOSHITA

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## SUMMARY

Research Analyst with 1+ years of experience in company risk analysis and due diligence.

## EDUCATION

### Banaras Hindu University

*Master of Arts in Economics*

Varanasi, India

July'19 – July'21

- Cumulative GPA: **7.5/10.0**

### Central University of Jharkhand

*Integrated Bachelor of Arts and Bachelor of Education*

Ranchi, India

July'15 – May'19

- Cumulative GPA: **8.98/10.0**

## PROFESSIONAL EXPERIENCE

### Research Analyst | London Stock Exchange Group | Risk Operation Team

Oct'21 – Present

*LSEG is a stock exchange and financial information company that owns London Stock Exchange (on which it is also listed)*

- Conducting intense **due diligence** on subject entities utilizing their negative **social media** and online presence
- Scouting data from tools like Eikon, **Global Compliance Checks**, Sigwatch, Bitsight, **Creditsafe** and LexisNexis
- **Reporting** and **classifying** information into **6** risk categories along with **bench-marking** the overall risk rating
- Gained knowledge of **firm's complex ownership structure** and **risk assessment for business partnership**

### Graduate Rotational Internship Program | The Sparks Foundation



Aug'21 – Sep'21

*The sparks foundation is working to bring parity in education and making sure children have equal opportunity at success*

- Performed **k-means clustering** on **IRIS** dataset and visualized the clusters using **Scikit-Learn** and Scipy
- Developed marks predicting **regression** model for students based on study time & achieved **0.947** R-2 score
- Performed **exploratory data analysis** on Superstores, **Global Terrorism** and Indian Premier League datasets

### Research Intern | Ministry of External Affairs, GoI | XPD Division

Dec'19 – Feb'20

*External Publicity & Public Diplomacy (XPD) Division of the MEA intends to disseminate information about India worldwide*

- Worked closely with under-secretaries **Pawan Badhe**, Shishir Kothari and Garima Paul at **ground level**
- **Analysed** the presence of MEA on social websites, **print media**, broadcasting services and the **internet**
- Researched and **implemented** ways to improve outreach of **MEA activities** in the **Hindi Belt** region effectively

## ACADEMIC PROJECTS

### An Econometric Analysis of the Impact of Exchange Rate Fluctuations on the Indian Equity Market



*Master's Thesis, Department of Economics*

Banaras Hindu University

- Performed **exploratory data analysis** on SENSEX data from Quandl and INR/USD exchange rate data from FRED in R by dividing the study period into 4 economic phases
- Developed an OLS regression model between daily volatilities (to avoid spurious regression) of SENSEX and exchange rate for each phase separately and correlated the results using market performance indicators
- Performed Unit Root Test, ADF test and Granger Causality Test on the time series data to analyse stationarity

### The Indian Shadow Economy: Shrinking or Expanding?



Jan'18 – Jun'18

*Bachelor's Thesis, Department of Education*

CU Jharkhand

- Measured the change in **contribution** of shadow economy to the **GDP** over the period **1990 to 2016** using the **Electricity Consumption method** considering demonetization, goods and services tax and **online economy**.
- Gathered secondary data from **World Bank** and **National Sample Survey Organization** and performed segregated analysis using GDP-Electricity consumption **elasticity** method by **Kaufmann and Kaliberda**

## TECHNICAL SKILLS

**Programming Languages:** EViews, Python, R, SQL

**Machine Learning:** OpenCV, Numpy, Pandas, Seaborn, Sklearn, Scipy, Scikit-learn, Jupyter

**Others:** R-Markdown, MS Office, Advanced MS Excel, MS Word, MS PowerPoint, Git, Github

## KEY COURSEWORK

<b>Econometrics</b>	Time Series Analysis, Econometrics of Panel Data, Introductory Econometrics, Advanced Econometrics
<b>Economics</b>	International Economics, Development Economics, Micro & Macro Economics
<b>Mathematics</b>	Introduction to Mathematical Economics, Probability & Statistics, Quantitative Methods