

## Rishika Agarwal

[rishikaagarwal544@gmail.com](mailto:rishikaagarwal544@gmail.com) | +447741079437 | <http://www.linkedin.com/in/rishika-agarwal-uk>

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### SUMMARY

Pursuing a Master's in Business Analytics at the University of Warwick, proficient in Python, SQL, and data visualization tools. Having completed two Business Analyst roles and three research projects, I am actively seeking opportunities as a Graduate Business Analyst.

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### EDUCATION

MSc in Business Analytics | University of Warwick | 2024-2025

- Modules: Analytics in Practice, Deep learning, Optimisation models, Pricing analytics

B.A in Economics with Mathematics | Ahmedabad University | 2020-2024

- Modules: Decision science, Simulation Modelling, Predictive modelling, Discrete mathematics
  - Dissertation: Enhancing Efficiency and Societal Impact of Ahmedabad's BRTS: Interventions and Innovations
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### WORK EXPERIENCE

**MetroBrands, Ahmedabad, Gujarat**

**Business Analytics Intern.**

**JUL '23 - OCT '23**

- Cleaned and analysed 10,000+ data entries, reducing processing errors by 30%
- Forecasted seasonal sales trends with 85% accuracy, enabling the development of targeted product narratives that boosted profitability by 15%

**Motilal Oswal, Ahmedabad, Gujarat**

**Stock Market Analysis Intern.**

**JUN '24- AUG '24**

- Performed in-depth stock analysis, forecasting 12% growth to guide investment decisions and attract potential investors
  - Secured 30+ investors and increased managed assets by ₹1,000,000 (~£9,500) through targeted marketing campaigns and financial insights
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### PROJECTS

**Ahmedabad University, Ahmedabad, Gujarat**

**Research Assistance.**

**NOV'20- FEB '21**

- Designed, conducted, and analysed a comprehensive survey, extracting meaningful insights to support evidence-based decision-making
- Identify the areas where Larval Source Management (LSM) could be most effective in reducing the incidence of vector-borne diseases, specifically malaria, dengue, and chikungunya

**Ahmedabad University, Ahmedabad, Gujarat**

**Researcher.**

**JUL '21- DEC '21**

- By strategically leveraging the unconventional utilization of existing infrastructure of BRTS for Emergency Medical Service (EMS) and solving a real-life challenge
- Through meticulous research and the development of a comprehensive simulation model, average response time was reduced by 10%

**Ahmedabad University, Ahmedabad, Gujarat**

**Researcher.**

**JUL '23- OCT '23**

- Conducted a comprehensive evaluation of data from the National Crime Record Bureau, which included 20 interviews with police officers and an assessment of police funding, resulting in the identification of a 15% gap in resource allocation
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### LANGUAGES, SKILLS AND CERTIFICATES

- **Languages:** English (Professional), Hindi (Advanced), Gujarati (Native)
  - **Skills:** SQL, Python, Microsoft Excel, Power BI, R, Pyomo, Matplotlib, Seaborn, SPSS
  - **Certificate:** Five-Year Arts Proficiency Certificate
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