

# Dhruv Akshay Pandit

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## Education

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**Nova Information Management School (IMS)** *Sept 2024 - present*

*Ph.D. in Information Management with Specialization in Data Science*

**Lisbon School of Economics and Management (ISEG)** *Sept 2022 - July 2024*

*MSc in Applied Econometrics and Data Forecasting (Cum Laude)*

- **Coursework:** Big Data, Optimisation, Econometrics (Micro and Macro), Statistics and R, Financial Time Series, Spatial Econometrics

**Maastricht University** *Sept 2019 - July 2022*

*BSc in Natural Sciences, Specialisation in Mathematics (Honours)*

- **Coursework:** Game Theory, Statistics, Databases, Differential Equations, Multivariable Calculus, Analysis of Big Data

## Experience

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**Research Data Scientist** *NOVA Cidade Urban Analytics Lab* *Lisbon Sep 2024 - Present*

- Working on projects related to the development of data driven solutions for urban challenges, with a focus on smart cities and climate.

**Invited Teaching Assistant** *NOVA IMS Information Management School* *Lisbon Sep 2024 - Present*

- Invited teaching assistant for the bachelors and masters practical courses in Big Data Analytics.

**Research Data Scientist** *NOVA SBE Data Science Knowledge Center* *Lisbon Apr 2023 - Apr 2025*

- I led a comprehensive redesign of the organization's website platform, doubling the number of data indicators and enhancing data visualization through several new dashboards.
- I was the lead author for key reports on African tourism, as well as the principal researcher for working papers for the organisation on smart data driven tourism in Africa.
- **Technical Skills:** SQL, SPARQL, JSON, Data Acquisition, Python (plotly, matplotlib, seaborn, esda, pandas, geopandas), Office (PowerPoint, Word, Excel)
- **Soft Skills:** Research, Report Writing, Project Leadership, Innovative Thinking, Communication

**Research Data Scientist** *Lisbon*

*Catolica School of Business & Economics*

*Feb 2024 - Aug 2024*

- Assisting in the development of code for specialised econometrics models related to research paper for the Bank of Portugal.
- **Technical Skills:** Econometric Model Development, R, Matlab, Office (PowerPoint, Word, Excel)
- **Soft Skills:** Research, Communication

## Skills

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**Programming:** Python (regression modelling, data engineering and visualization), R(regression modelling, data engineering and visualization), SQL, MONGODB, Stata, Matlab, PySpark, BigQuery

**Miscellaneous:** Latex, Microsoft Office Suite (Excel, Powerpoint, Word), PowerBI, Github