



Unnati Gupta

Website: www.unnatigds.com

Age: 22, Place: Jönköping, Sweden

M.Sc. Data Analysis and Applied Economics

Aspiring Data Analyst skilled in Python, SQL and Tableau with internship experience doing Data, Econometric and Predictive analysis with ML.

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[GitHub/unnatigds](https://github.com/unnatigds)

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EDUCATION

- Jönköping University** Aug 2023- May 2025
Master of Science in Data Analysis and Applied Economics

EXPERIENCE

- Centre for Entrepreneurship and Spatial Economics (CEnSE)** Jan 2025
Research Assistant Jönköping, Sweden
 - Investigated the relationship between team composition and productivity, analyzing how atypical and conventional knowledge combinations influence collaborative innovation and output.
- EODynamics AB** Aug - Dec 2024
Data and Market Analyst Malmö, Sweden
 - Created Time Series Analysis Reports on ongoing Explosive events and Stockpile Datasets. Connected the statistical findings to Political economic theories. Analyzed Social Media post engagement and app sales data; conducted data cleaning, EDA, predictive modeling, and provided recommendations to optimize social media strategy and drive app sales.
 - Conducted a comprehensive time series using state-of-the-art ML models, trend analysis using regression models and seasonal decomposition to assess the effects of independent variables on key metrics. Employed exploratory data analysis (EDA) and statistical summaries to reveal high-level insights from relevant open-source datasets about geographical and developmental implications of warfare.
- Stealth Startup** May - Jul 2023
Data Analyst
 - Developed a predictive model using Python, Scikit-Learn, XGBoost and SQL that forecasted monthly sales volume. Assisted in cleaning and preprocessing a dataset of over 10,000 transactions, improving model accuracy by 8%.

PROJECTS

- Analysis of the Hospitality Sector employment in Swedish Municipalities**
Data Collection & Analysis, Research, Econometrics
 - Extracted data on the Hospitality Sector and municipality demographics to conduct a quantitative analysis to figure out the determinants of Hospitality Employment. Compared and contrasted different municipalities through temporal and spatial analysis. Implemented random effects and fixed effects regression to analyze the impact of explanatory variables.
- Early Retirement Decision Analysis**
Data Analysis, Research, Econometrics
 - Conducted econometric analysis on European retirement data. Identified health and income as significant factors influencing early retirement. Implemented fixed effects logistic regression and OLS models and Provided insights into retirement trends across European countries.
- Time Series Analysis of Provincial Agricultural Land Prices**
Data Analysis, Research, Econometrics
 - Conducted comprehensive Time Series Analysis on Provincial Agricultural Land Prices of the Netherlands, Creating a panel-dataset by extracting relevant information from Eurostat database. Implemented Fixed Effect, Machine Learning and ARIMA models to analyze and forecast land prices and understand the effect of different factors on land price.

CERTIFICATIONS

- Google Advanced Data Analytics Professional Certificate** 2024
Python, Data Science, Machine Learning
 - Achieved proficiency in Python and SQL, constructed machine learning models, and learnt comprehensive data analysis by deploying capstone project for predictive insights.

SKILLS

Programming Languages: Python, SQL
Frameworks & Tools: Excel, Microsoft Fabric, PowerBI, Scikit-Learn, Tableau, Numpy, Pandas, Matplotlib, Git
Techniques: Predictive Analytics, Hypothesis testing, Data Modelling & Visualization, Machine Learning

VOLUNTEERING

- Google Developer Student Club** Organized 20+ impactful Data Science events as the DS lead
- Vikalp** Volunteered to work for the upliftment of underprivileged children with educational support