

# VANESSA NÚÑEZ PEÑAS

## Data Analyst

Data Analyst with experience in machine learning and academic research. Engaging communicator skilled in crafting stories to deliver powerful outcomes for diverse audiences. Enjoy working in a team, being in contact with clients, and overcoming obstacles and challenges contributing to effective decision-making.

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[LinkedIn Profile](#)  
[GitHub Repositories](#)  
[Tableau Public](#)

Click [here](#) for my portfolio

## Data Analysis Projects

- **Airbnb Berlin:** Developed market research, utilizing supervised and unsupervised machine learning algorithms and geospatial analysis with Python and Tableau. Check it out [here](#).
- **Instacart:** Created a targeted marketing project, cleaning, wrangling, aggregating, analyzing, and visualizing data with Python. Check it out [here](#).
- **Rockbuster Stealth:** Completed an online streaming project, utilizing relational database management and queries with SQL and visualizing the results with Tableau. Check it out [here](#).
- **Influenza in the U.S.:** Conducted a seasonal staff prediction with Excel and Tableau. Check it out [here](#).
- **GameCo:** End-to-end analysis with Excel covering historical sales to foster a better understanding of how new products might fare in the market. Check it out [here](#).

## Relevant Work Experience

### Machine Learning Data Associate

Amazon Development Center Germany GmbH  
*June 2017 to October 2023 (6 years, 4 months)*

- Supported the complete Natural Language Understanding pipeline of Alexa in Spanish and German to improve the understanding, the answers, and the text-to-speech of the devices.
- Coordinated different workflows and verified processes, increasing the quality by up to 98%.
- Ramped new team members by preparing and delivering training and working sessions to ensure high quality since the onboarding.
- Person of contact regarding privacy issues working with the data from customers.

### Lecturer of Contemporary History

Complutense University of Madrid  
*July 2009 to July 2013 (4 years)*

- Sourced and analyzed thousands of documents archived in five countries with quantitative and qualitative methods and presented the results at international conferences and publications.
- Coordinated seminars and conferences involving students and professors of different universities and research centers.
- Reviewed articles and other documents before their publications, providing feedback to the authors and ensuring the quality of the texts.
- Representative of the researchers in the Faculty Board.

## Other Work Experience

- **Freelancer Spanish Teacher**, Berlin, September 2016 to June 2020 (4 years).
- **Tourist Guide**, CultourBerlin, November 2014 to October 2016 (2 years).
- **Head Teacher**, Ecus Educational, Madrid, January 2014 to July 2014 (7 Months).

## Relevant Skills

- Data mining, wrangling, analysis, annotation, visualization, and database queries
- Python, Jupyter, Pandas, Numpy, Matplotlib, Seaborn, Bokeh, Plotly, Dash, Folium, Geopandas, Geoplot, scikit-learn
- SQL, Postgres, pgAdmin4
- Tableau
- Jira, Confluence, AWS
- Microsoft Office

## Education History

### Certificate in Data Analytics

CareerFoundry  
*Graduated in February 2024*

### PhD Contemporary History

Complutense University of Madrid.  
*Graduated in September 2013*  
Summa Cum Laude

### Interuniversity Master's Degree in International Relations and Diplomacy

Diplomatic School of Spain  
*Graduated in June 2009*

## Languages

- **Spanish:** mother tongue
- **English:** full professional proficiency
- **German:** full professional proficiency
- **French:** limited working proficiency