Miguel Donado
Data Engineer | Data Analyst | Python Developer

Murcia, Spain • miguel.donadom@gmail.com • +34 692691199 • LinkedIn • Portfolio

Education

Universidad de Murcia   Murcia, Spain
Bachelor's in Computer Science Engineering   2018 - 2021

Universidad Politècnica de Catalunya   Barcelona, Spain
Bachelor's in Computer Science Engineering   2021 - 2022

Experience

Freelance Data Engineer   January 2022 – August 2024

- **GeoChessTournaments.com:** Developed an interactive map displaying upcoming chess tournaments using Python, Django, AWS, Pandas, and Selenium. Visit Site

- **Cinema Market Analysis:** Developed of an interactive linear regression model in Python using sklearn to analyze and predict data trends in regional box office performance. Visit Site

- **Swiss Real Estate Dashboard**: Built a dashboard with Python, Streamlit, and Snowflake to analyze Swiss real estate data and visualize market trends.

- **Pharma Sales Dashboard**: Developed a dashboard using Python, Streamlit, and Snowflake for detailed analysis of pharmaceutical sales and market performance.

- **Social Media Analysis:** Analyzed sentiment on a video game subreddit using Python, NLP and visualization tools, attracting the attention of future clients, including the game's developer. Visit Site

- **Scraping PubMed:** Extracted and processed data from the United States National Library of Medicine using Python, Pandas, Selenium, and BeautifulSoup.

- **Scraping Costco:** Implemented a web scraping solution to extract data from Costco supermarkets' website utilizing Python, Pandas, and BeautifulSoup.

- **Chess.com Data Extraction and Analysis:** Extracted chess game data from the Chess.com API and performed in-depth analysis with the Stockfish engine using Python and Pandas.

- **3D Visualizer:** Created a 3D visualizer for .obj files using Python and NumPy.

Skills

- **Main skill:** Python
- **Cloud & Data Storage:** Snowflake, SQL, AWS, Azure, Google Cloud
- **Data Analysis & Visualization:** Streamlit, Pandas, PySpark, Matplotlib, Tableau, Power BI, NLTK
- **Web & Testing:** Django, Flask, BeautifulSoup, Selenium
- **DevOps & Miscellaneous Tools :** Docker, Kubernetes, Git, Jenkins, CI/CD, Linux, Shell

Languages

- **Spanish**: Native
- **English**: Advanced
- **Catalan**: Intermediate
- **French**: Basic
- **German**: Basic