






Carmine Minichini

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EXPERIENCE

AMAZON | DATA ANALYST/BUSINESS ANALYST

October 2021 – Current | Italy

- Working on **PXT Global tech strategy team**, supporting global **HR centralization** through maintenance and expansion of tools, technology, automation and analytics products within **EU operation centers**.
- Developing data pipelines with **AWS AppFlow, Python, AWS QuickSight**.
- Developing **RPA solutions**, for different teams across Amazon with an estimated annual time saving of 2k hours.

DIENNEA S.R.L | DATA SCIENTIST

February 2021 – October 2021 | Faenza

- Maintenance and development of pipelines for data extraction in **Knime, Python, SQL**.
- **Email marketing and Marketing automation** data analysis.
- Marketing analysis through **Google Analytics** and **ML-oriented** data analysis.
- Developing dashboards in **PowerBI** and **Google Looker Studio**.

PROJECTS

TRIPSCRAPER | PYTHON/STREAMLIT

2023

- TripScraper is an open-source **Natural Language Processing (NLP)** tool that can be used to scrape TripAdvisor reviews and analyze them by ratings, words, and other criteria. It uses a variety of NLP techniques, including sentiment analysis, word frequency analysis, word trends over time and aspect-based sentiment analysis.

PERSONAL WEBSITE | QUARTO

2023

- Personal website containing articles and projects, developed using **Quarto**, an open source scientific and technical publishing system.

SKILLS

PROGRAMMING

Proficient:

R • Python • SQL • VBA

Experienced:

CSS/HTML • LaTeX • Javascript

LIBRARIES/Frameworks

Matplotlib/Seaborn/Plotnine •
Numpy • Scikit-learn • Pandas

TOOLS/PLATFORMS

Git • R-Shiny • Knime
PowerBI • Tableau • UiPath •
Streamlit

EDUCATION

ALMA MATER STUDIORUM - UNIVERSITY OF BOLOGNA

MASTER'S IN FINANCIAL, ACTUARIAL &
STATISTICAL SCIENCES

September 2018 - July 2021

FEDERICO II - UNIVERSITY OF NAPLES

BACHELOR'S IN STATISTICAL
SCIENCES

September 2014 - September 2017

FIELDS OF INTEREST

- Bayesian optimization
- Spectral clustering
- Time-series forecasting
- Casual inference