Carmine Minichini

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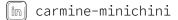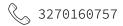## EXPERIENCE

AMAZON | DATA ANALYST/BUSINESS ANALYST
October 2021 – Current | Italy

→ Working on **PXT Global tech strategy team**, supporting global **HR centralization** trough 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 PXT teams 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 trough **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.

SKILLS

PROGRAMMING

Proficient:
R • Python • SQL • VBA

Experienced:
CSS/HTML • LaTeX • Javascript

LIBRARIES/FRAMEWORKS

Selenium • Streamlit • Scikit-learn

TOOLS/PLATFORMS

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

EDUCATION

ALMA MATER STUDIORUM - UNIVERSITY OF BOLOGNA

MASTER'S IN FINANCIAL, ACTUARIAL E 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