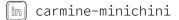
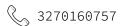
# **Carmine** Minichini











## **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 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 trough **Google Analytics** and **ML-oriented** data analysis.
- → Developing dashboards in **PowerBI** and **Google Looker Studio**.

## **PROJECTS**

## TRIPSCRAPER | PYTHON/STREAMLIT

→ 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 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