

Carmine Minichini



website



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carmine-minichini



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EXPERIENCE

AMAZON | BUSINESS ANALYST

October 2021 – Current | Italy

- Supporting **Amazon HR global centralization program**, through maintenance and expansion of tools, technology, automation and analytics products.
- Developing data pipelines with **AWS Glue, Python, Amazon Redshift, 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

GITHUB.IO

- Personal website containing scientific articles, notebooks and projects on various fields from classical statistic theory to Machine Learning approaches. Build using **Quarto**, an open source scientific and technical publishing system.

CAUSALWIZ | R

- **causalwiz** is an R package for causal inference analysis. It provides tools for estimating treatment effects using various methods, including inverse probability weighting (IPW) and augmented inverse probability weighting (AIPW). The package is still under development.

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