



FEDERICO DE CILLIA

Lead Data Scientist - R&D, Retail, Market Analysis, Media

ABOUT ME

Lead Data Scientist specialized in Big-Data Analytics, Machine Learning, Time Series modeling, Automation & RPA, BI & Data Visualization, Cloud Computing.

Demonstrated history of strong innovation attitude, leading the change of international Data Science organizations to new tools and methodologies.

Proven track record of leading end-to-end Data Science, ML, BI & Automation projects applying CRISP-DM process, using the following tools:

- Programming languages: Python, R, SQL
- Data Visualization tools: MS Power BI, Spotfire, Qlik, Tableau
- Agile & Software development tools: Git, Azure DevOps, CI/CD, Scrum, Kanban
- Cloud solutions: mainly on MS Azure, with brief exposure also to AWS, GCP

EXPERIENCE

Lead Data Scientist - Retail Optimization, Luxottica | 02/2021 - present
Leading Retail team to exploit Data Science, Machine Learning & Automation Projects, providing use cases and implementing end-to-end solutions

Senior Data Scientist, Nielsen | 09/2017 - 02/2021
Lead many international projects to implement end-to-end Machine Learning (Classification, Regression, Clustering, Time Series) in multiple countries.
Direct exposure to management & clients presenting business insights & analyses.
Chair of Italian Diversity & Inclusion Team

Data Scientist Consultant, Bip (@ Sky Italy) | 04/2016 - 09/2017
Developed and implemented a NLP Churn-Prediction & Text-Mining project, used to improve Retention/Upselling/Downgrade Marketing strategies

Data Scientist Consultant, SAS & Value Lab | 06/2015 - 04/2016

Data Mining Junior, Bocconi Alumni Association | 02/2015 - 06/2015

Tutor for exchange students, University of Padua | 2012 - 2014

LANGUAGE SKILLS

Italian: Mother tongue

English: Proficient (C1)

Spanish: Upper-Intermediate (B2)

ATTITUDES & INTERESTS

Driver of Innovation, Leader of change

Communicator with Storytelling skill

D&I and Sustainability advocate

COURSES & CERTIFICATIONS

Azure Data Scientist Associate (DP-100) , Microsoft Certification	07/2022
Azure Fundamentals (AZ-900) , Microsoft Certification	12/2021
AI for everyone , Deeplearning.ai. on Coursera	02/2021
Deep Learning Specialization , Deeplearning.ai. on Coursera	06/2020
Machine Learning Specialization , University of Washington	07/2019
Complete Git & Github Masterclass , O'Reilly	10/2018
Data Science and ML with Python and Spark , O'Reilly	06/2018
Python for Data Science , University of California San Diego	10/2017
Intro & Intermediate Python for Data Science , Datacamp	07/2017
Text Mining and Analytics , University of Illinois	05/2017
ML for Data Science and Analytics , Columbia University	01/2017
Tackling the challenges of Big Data , MIT	09/2016
SAS Programming - Macro Language - SQL , SAS Institute	09/2015

CONTACT

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EDUCATION

M.S IN BUSINESS STATISTICS
University of Padova (2012 - 2014)

B.S IN BUSINESS STATISTICS
University of Padova (2008 - 2011)

LLP ERASMUS (BARCELONA)
University Pompeu Fabra (2012)

ICT HIGH-SCHOOL DIPLOMA
I.T.I. Severi, Padua (2003 - 2008)

EXPERTISE

Python, R	● ● ● ● ●
Git	● ● ● ● ●
Office, GSuite, iWork	● ● ● ● ●
BI (MS PBI, Spotfire)	● ● ● ● ●
SQL	● ● ● ● ○
SAS, SPSS	● ● ● ● ○
KNime	● ● ● ● ○
Azure ML	● ● ● ● ○
Web-App development	● ● ● ○ ○
DevOps, CI/CD	● ● ● ○ ○
Spark	● ● ○ ○ ○
Docker	● ● ○ ○ ○