

Marco Vita

Education

- 2015 - 2016 Luiss Business School, Rome, Italy
MABDA - Master in Big Data Analytics
Main courses:
- Data Visualization
- Machine Learning
- Data Governance
- 2015 Kaplan International, San Francisco, United States
Intensive English Course
- 2011 - 2014 "Alma Mater Studiorum", Bologna, Italy
Bachelor's degree in Mathematics
Main courses:
- Mathematical Finance
- Numerical Analysis
- Operational Research

Thesis in Mathematical Finance: "A model of portfolio optimisation"

Professional Experience

- 01/2020 - **Ammagamma S.r.l., Modena**
currently **Data Architecture & Visualization Team Leader**

I am responsible for data management, data governance and data flow architecture across several projects. The main focus of my team is the industrialization and deployment of every kind of data process, in particular the machine learning solutions realized by the data science department.

Main technologies used:

Data Pipeline and Elaboration:

- Python and relative frameworks
- AWS platform: in particular Athena, Glue, EC2, SageMaker
- Apache Hive, Impala
- Docker

Data Access and Storage:

- AWS S3
- Cloudera HDFS
- Oracle Databases, Postgres DB

Frontend: Tableau, Qlik, React, Angular.

- 2007 - **Italian Basketball Federation**
Currently **Serie A Referee and Instructor**
1° league national basketball referee (since 2018), trainer and national coordinator for Youth Department of Italian Referees Committee.

02/2019 - **UnipolSai Assicurazioni S.p.A., Bologna**
01/2020 **Data Visualisation & Integration Specialist**

I worked on several projects across Company's departments within the Data Governance structure, responsible for:

- collecting the business needs in terms of data and KPI;
- data integration process within the Big Data Platform;
- data preparation: data cleaning and data mining;
- data visualisation through the company's reporting tool.

Main technologies used:

Data Pipeline and Elaboration:

Apache Hive, Impala, Python, Tableau Data Prep

Data Access and Storage:

Cloudera HDFS, Oracle Databases

Frontend: Tableau

09/2016 - **Iconsulting S.p.A., Casalecchio di Reno (Bologna)**
01/2019 **Business Analytics Consultant**

Main project realized at **Pirelli Tyre S.p.A.** within the Data Science department concerning Industry 4.0.

I worked in Smart Manufacturing, an international team focused on **web applications** development with **agile methodology**, managing the **data workflow** for real time decisions, predictive maintenance and reporting.

Other project realized at **Edison S.p.A.** in the Energy Industry, within the Data Science team. The target was to build an Enterprise Data Platform, combining all company data to satisfy data governance and near-real time analytics needs.

Main technologies used:

Data Elaboration and Storage:

- Python and relative frameworks (Flask, Django)
- Apache Spark and Apache Kafka
- R and Shiny Dashboard package
- Amazon Web Service
- Oracle Databases
- Attunity Replicate
- Talend Data Integration
- Tibco Data Virtualization
- Cloudera HDFS, Apache Kafka

Frontend:

- AngularJS, Angular2+, Vue, Plotly and Angular-nvD3

Development and Project Management:

- Github, CircleCI
- Docker, Kubernetes
- Atlassian JIRA

2015 - Liceo Scientifico "Savoia" - Liceo Scientifico "Galilei" Ancona
2016 External collaborator
Teacher of Mathematics courses