

SUMMARY

I'm a Senior Data Scientist of the Italian Risk Advisory practice within Deloitte's Financial Risk Management, with a Master's Degree in Statistics and specialize in the Banking sector. I spent more three years in the banking and finance sector focusing my experience and knowledge in different methodologies related to Risk Management, Data Governance, Data Management and Reporting. During my experience, I had the opportunity to deal with projects, supporting Clients in the design and implementation of tailor-made solutions to mitigate data-related risks, to fully unleash the potential of information assets and for the adoption of innovative tools necessary for data processing.

Experience & Qualifications:

- 3+ Years experience extracting actionable insights from data in banking sector
- Strong hands on experience and knowledge in Python, Power BI, SQL and Excel
- Good understanding of statistical principles and their respective applications
- Excellent team-player and displaying strong sense of initiative on tasks

KEY SKILLS

- **Programming:** Python (NumPy - Pandas - Scikit-learn - Matplotlib - Seaborn), SQL, VBA
- **Data Visualization:** Power BI, Tableau, MS Excel
- **Databases:** MySQL, Oracle, Teradata, Hadoop
- **Cloud Services:** Google Cloud Platform, Amazon Web Services

WORK EXPERIENCES

Senior Data Scientist

Jun '23 - Present

Deloitte Risk Advisory

Milan, MI

Activities related to projects aimed at Financial Services, with a strong focus on Business Architecture using data analysis and data modeling technologies with particular attention to IT issues on Risk Management engagements, Data Management, Data Governance and Reporting.

Key experiences:

- Machine Learning & Data Visualization activities
- Code migration (e.g. from SAS / R to Python / BigQuery / PySpark)
- Credit Risk Analysis
- Advanced Analytics activities

Data Scientist

Feb '22 - Jun '23

Deloitte Risk Advisory

Milan, MI

Activities related to projects aimed at Financial Services, with a strong focus on Business Architecture using data analysis and data modeling technologies with particular attention to IT issues on Risk Management engagements, Data Management, Data Governance and Reporting.

Key experiences:

- Code migration (e.g. from SAS / R to Python / BigQuery / PySpark)
- Machine Learning & Data Visualization activities (e.g. NLP algorithm to estimate KPI and KRI)
- Credit Risk Analysis
- Implementations of Blockchain (Credit Process)
- Advanced Analytics activities
- Development of Data Governance frameworks

Data Analyst

May '20 - Feb '22

Accenture

Turin, TO

Activities related to projects aimed at Financial Services, with a strong focus on Financial Risk Management and Data Governance.

Key experiences:

- Advanced Analytics activities
- Statistical analysis on RDBS & DBMS
- Data Visualization activities
- Data Masking activities

EDUCATION & QUALIFICATIONS

Data Engineer

Mar '20 - May '20

Modis

Turin, TO

Intensive training academy (full-time) based on practical and theoretical learning of the main software used by the figure of the Data Engineer and ETL Developer.

The following software has been studied in depth:

- SQL
- MySQL
- Oracle Database
- IBM InfoSphere DataStage

Academy that allowed me to increase my knowledge in the statistical/IT field.

Master's degree, Statistics

Sep '17 - Mar '20

Università degli Studi di Torino

Turin, TO

The MSc in Statistics has a particular focus on modern computationally-intensive theory and methods. Main disciplines: Business Analytics, Corporate Finance and Strategy, Data Modeling, Econometrics, Epidemiology, Statistical Learning, Strategic Marketing, Time Series Analysis.

Bachelor's degree, Statistics and Economics

Sep '13 - Sep '17

Università degli Studi di Torino

Turin, TO

The Bachelor's Degree in Political and Economic Sciences has a particular focus on policy analysis and political economy. Main disciplines are: Policy Analysis, Political Economy, Political Economics, Corporate Finance and Strategy.