

# Job Description

## Data Science Internship at Global Data Governance & Monetization Department

Location: Issy-les-Moulineaux

Reporting line: Data Science Capability Lead

Team: none of the direct reports; a network of 8 different BU IT teams

### COMPANY

Edenred is the world leader in transactional solutions for companies, employees and merchants, with business volume of more than €28 billion generated in 2018, of which 80% through digital formats. Whether delivered via mobile, online platform, card or paper voucher, all of these solutions mean increased purchasing power for employees, optimized expense management for companies and additional business for partner merchants.

Edenred's offer is built around three business lines:

- Employee Benefits (food, meals, well-being, leisure, culture and human services)
- Fleet & Mobility Solutions (fuel, tolls, maintenance and business travel)
- Complementary Solutions, including Corporate Payment Services (virtual payment cards, identified wire transfers and supplier payments), Incentives & Rewards (gift cards and platforms, and incentive programs), and Public Social Programs.

The Group brings together a unique network of 47 million employee users, 830,000 corporate clients, and 1.7 million partner merchants.

Listed on the Euronext Paris stock exchange and part of the CAC Next 20 index, Edenred operates in 45 countries, with close to 8,000 employees. Edenred is at the forefront of technological innovation (e.g. partnership with Apple Pay) and is actively involved in open innovation through Edenred Capital Partners (Edenred's corporate venture, supporting more than 10 start-ups since 2012) and a key partnership with Partech Ventures (€25m committed by Edenred since 2012, 12 investments).

### Context

Generating daily millions of transactions and being itself a platform-based digital fintech business, Edenred dedicates a big portion of its strategy to a data-enabled and data-driven products and services. In order to support Data Strategy and its execution, Data Governance & Monetization Department has been created at the Edenred's Head Quarter and currently actively hiring for the various positions in Data Science, Data Engineering and Data Management areas.

### Role description

- This role would be to be an intern of HQ-based Data Science & BI center of expertise and personally contribute to major data-driven product creation (by being an active part in new and existing DS projects worldwide). Responsibilities include:
  - Active engagement in key proof of concepts design and delivery as DS contributor
    - Participation of Data Science business requirements workshops
    - Identification, integration and enrichment of data sources
    - Data preparation, analysis, modeling
    - Data restitution / Data visualization

- Determine and monitor project's KPIs
  - Results communication
- Support the Edenred's Data Practitioners Community
- Internal and external communication of the team's achievements
- Technology scanning to propose innovative solutions and to explore new opportunities

## REQUIRED SKILLS AND PROFILE

- Must have:
  - Currently working on a BS/MS/Ph.D. degree in computer science / mathematics or related
  - Knowledge of Python or R focused to data analysis and exploration
  - Experienced with visualization packages (Power BI, R Shiny, Pyplot, Seaborn, etc.)
  - Basic SQL query language knowledge
  - Extensive knowledge and practical experience in Machine Learning, Data Mining, Recommender Systems and Computational Advertising
    - Understanding & practice of fundamental machine learning algorithms
      - Random Trees, Forests, Naive Bayes, Regressions, K-means etc
  - Strong communication & leadership skills (ability to work in complex organizations)
- Nice to have:
  - Knowledge with creating segments, custom reports, goals in Google Analytics, Data Studio
  - Knowledge with Hadoop ecosystem, Spark, no transactional Databases
  - Data processing and computation frameworks: Kafka Streams, Storm, Spark, Flink, Beam, Akka, etc
  - Cloud platforms: AWS, Google Cloud or Azure
- Languages: English required, Spanish & French as a benefit
- Soft Skills: excellent communication, leadership, open minded, agile, autonomous, business oriented, customer oriented

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