

Position: (Junior) Data Scientist**Reports To:** Lead Data Scientist**Apply to:** recruitment@amplifyanalytix.com

Company Overview

As a Data Science for Business company, we at Amplify Analytix help our clients make the most of their data using the latest methodologies. We work across a variety of domains such as healthcare, manufacturing, consumer electronics, and luxury retail. We develop data-driven analytics and solutions to tackle fundamental business problems like forecasting, pricing optimization, opportunity and lead scoring, and segmentation, as well as more novel challenges like programmatic advertising and text generation. Innovation is in our DNA – we won the European Commission’s EDI incubator award in 2020 and are in the final round of the REACH incubator in 2023.

Job Overview

Amplify Analytix is looking for a talented (Junior) Data Scientist to join our team. You will work with our experienced Data Scientists to answer important business questions using data, from scoping the solution with the client to delivering a high-impact model. You should be comfortable with planning your work efficiently: meeting deadlines while delivering high-quality analysis. You will collaborate and learn from other teams at Amplify Analytix, e.g., Data Engineers, Business Analysts, etc. to deliver end-to-end analytical solutions.

Responsibilities:

- Collaborate with Business Analytics team in scoping the client’s problem and proposing a solution: organize exploratory data workshops, develop a deep understanding of the client needs and the industry, translate business problem into an analytical framework.
- Perform exploratory analysis thoroughly and reliably: gather, analyze, visualize, and summarize data of multiple types and sources. Draw conclusions from the analysis that support the development of models.
- Conduct data pre-processing manipulations in a careful and meticulous manner: merging, imputing values, (dis)aggregating, transforming variables, enriching the data, and so on.
- Develop ML/Mathematical/Statistical models independently or collaboratively with the other Data Science team members depending on own skills and the sophistication of the problem. Document and present model results in an appealing and clear way.
- Write robust and well-annotated code that can be reused and productionized easily. Collaborate with the Data Engineering team in deploying analytical solutions on the various private cloud environments of our clients.

Qualifications:

Required

- Bachelors or Master’s degree in Data Science, Machine Learning, Statistics, Econometrics, Mathematics, or another related quantitative field.
- Proficiency in Python and/or R with exposure to packages such as sklearn, statsmodels, etc.
- Experience in exploratory data analysis and data pre-processing.
- Thorough understanding and/or experience in one of the following methodological domains:
 - Deep learning algorithms, such as recurrent neural networks (RNNs), convolutional neural networks (CNNs), and long short-term memory (LSTM).
 - Time Series Forecasting and Econometric/Causal Analysis methods: Implementing Forecasting Models above and beyond the usual ARIMA style modelling. Technical acumen in building interpretable models and variable selection methodologies for unbiased coefficient estimation.
- Curiosity, an eye for detail, and excellent problem-solving skills.
- A team-oriented working style, good time management and task prioritization, high level of ownership and flexibility.

- Excellent verbal and written communication skills in English.

Nice to have:

- 1-3 years of work experience in using Time Series Forecasting or Deep Learning algorithms.
- Exposure to private cloud environments and tools: AWS, Azure, Databricks etc.
- Experience of studying or working in an international environment.

What you will get:

- Opportunity to apply and strengthen technical skills, as well as to upskill in new tools and technologies.
- Exposure to a wide array of business problems and across various domains.
- Problem-solving for high-profile, international clients that are leaders in their respective industries.
- Working closely with and learning from experienced seniors in the Data Science, Business Analytics and Engineering teams, as well as exposure to Senior Management.
- Competitive remuneration package with additional benefits such as sponsored training and certifications.
- Personal Development Plan for technical and soft skills development.
- Fun and collaborative working atmosphere. Friendly and empathetic management style.
- International cross-cultural team environment.
- Hybrid work policy, combining working in the office with working from home.

This job description may be amended and supplemented by the employer in case of changing the requirements and obligations arising from legislative or structural changes.