Data Scientist with expertise in Video/TV business for BI & Big Data

Telefónica Innovation - Madrid, España 04/2015

Job description

We are looking for Data Scientist profiles who are motivated to help in the creation of business value from advanced data analysis. In particular, they will be devoted to work with data generated from Telefonica video services.
The data engineers will take part in a small transversal team of data experts (data science team) that can be put into action for different opportunities. If you are passionate about data and the value it can create, apply to this position!
"Internal Information Exploitation" is a recent created organization in the BI & Big Data area in CCDO with the responsibility of creating value for Telefonica through the analysis of data.

Telefonica is prioritising the area of TV/Video as a key business in its strategy as a growth company. The goal is making Telefonica a predominant player as a "Video company".The video industry has turned into a data-driven business where many business challenges are addressed using data generated in the daily operation (audiences, customer's consumption, ratings of contents, design of the content portfolio…). The deep understanding of customer behaviour and consumption preferences is critical towards creating profitable video services. Therefore, data science becomes a key tool towards turning data into actionable insights that drive the business.

The deep understanding of customer behaviour and consumption preferences is critical towards creating profitable video services. Then, data science becomes a key tool towards turning data into actionable insights that drive the business.

Responsibilities

- Analytical Skills: Data analysts work with large amounts of data: facts, figures, and number crunching. You will need to see through the data and analyze it to find conclusions.
- Communication Skills: Data analysts are often called to present their findings, or translate the data into an understandable document. You will need to write and speak clearly, easily communicating complex ideas, creating visual deliverables when required (plots, reports…).
- Attention to Detail: Data is precise. Data analysts have to make sure they are vigilant in their analysis to come to correct conclusions. Then it is needed to provide controls that validate the quality and integrity of the data as well as the methodology used to analyse such data.
- Critical Thinking: Data analysts must look at the numbers, trends, and data and come to new conclusions based on the findings.
- Business value. Analytical deliverables must have a direct impact in business/service improvement.
- Theoretical support: Data analysts need math skills to estimate numerical data, all findings and analysis should be robust and supported by fine-tuned math/statistical/machine learning methods

Desired Skills and Experience
Requirements

- Master degree on Mathematics/Statistics/Computer Science/Telecommunications or similar background.
- Proved experience on facing data analysis challenges within a corporate environment.

The candidate should have proficient knowledge of the following tools:
- Deep knowledge of statistics/machine learning techniques (classification, predictive modelling, clustering...).
- Programming skills in python / R or similar tools and specific expertise in data analysis libraries.
- Programming skills for interacting with SQL databases (mandatory).
- Analysis of data within Big Data environments (Hadoop/HDFS, MapReduce, Hive, Pig, Spark…)
- Ability to communicate results with graphical tools to non-technical stakeholders.

- Maths/Statistics and Machine Learning knowledge
- MySQL DB, schema creation, management and optimization
- Ability to generate plots and reports with high complexity.

Nice to have
- TIBCO Spotfire
- Tableau Software
- MicroStrategy
- Experience with other scientific languages and tools (SAS, SPSS, S+, Matlab…).
- Peer review publications in scientific journals of the field.
- Knowledge of text mining algorithms

Experience in:
- 3 years minimum of experience as a data scientist with proven skills in Statistics/Machine Learning analysis.
- 2 years of experience in R/Python or similar tools
- Able to work both on an individual basis and as a part of a team
- Ability to run presentations to mid/high level executives in the organization

About this company

Telefónica is rapidly transforming into a digital telco.

On this LinkedIn group, expect to see news, views and jobs for our cutting-edge digital services and technologies.

We have a presence across Europe and Latin America, with over 320 million customers. You may know us better through our commercial brands: O2, Movistar and Vivo.

We are the engine for bringing the digital products and services which will help to improve the lives of our customers by leveraging the power of technology. This ranges from developing new tech for consumers through to helping businesses and governments become more efficient and agile.