

Miguel Bordallo Contreras

Cherry Hill, NJ - Email me on Indeed: [indeed.com/r/Miguel-Bordallo-Contreras/d860403fa18b235c](https://www.indeed.com/r/Miguel-Bordallo-Contreras/d860403fa18b235c)

WORK EXPERIENCE

Senior Data Scientist

VidaCaixa - Barcelona - May 2017 to Present

Subscription models. Customer value. Emails classifier.
Machine Learning. Data Visualization. Text mining. Clustering.
Random Forest. Decision trees. K-means. Gradient Boosting.

Data scientist

eDreams ODIGEO - September 2015 to April 2017

Fraud Detection. From a rule based system to a machine learning approach. Fraud estimation model. Spoken english environment.
Achievement: More than 60% of fraud reduction during 2016.
Feature extraction. Severe imbalanced datasets. Text mining. Outliers detection.
Random Forest. Support Vector Machine. Logistic Regression. Local Regression. Decision Trees.
Local Outlier Factor. Ensemble modeling.

Data scientist at Vendo

Pricing department - July 2015 to September 2015

Online payment service. Spoken english environment.
ANOVA. Multi-armed bandit. Thompson Sampling.

Data scientist

BBVA Data & Analytics - August 2014 to June 2015

Corporate Investment Banking. Direct debts and SEPA products. Transactions classifier.
Big data. Machine Learning. Data Visualization. Text mining. Short text analysis.
TF-IDF. Support Vector Machine. Naïve Bayes. Linear Regression. K-means. DBSCAN.

Data analyst

G2 Worldwide - February 2013 to August 2014

Market research. Purchase path analysis. Segmentation & Clustering.
Major clients: L'Oreal, Red Bull, Heineken, Unilever, Abbott, Johnson & Johnson, Seat, Vodafone, Nokia, Mahou, Mars.
Statistical hypothesis testing, ANOVA.
Discriminant Analysis. Decision Trees. Logistic Regression. Naive Bayes. K-means.

Risk analyst

Findirect - November 2011 to January 2013

Credit financing & collection strategist. Risk control. Features & profiles extraction.
Mathematical and statistical modeling. Clustering. Scoring models.
Decision trees. Logistic regression. K-means

Co-founder of R&BPropTraders

Data visualization - February 2010 to September 2011

Alternative investment. Head of Research & Analysis department.
Analysis of financial time series. Design of automated trading systems.
Feature extraction. Pattern recognition. Data visualization.
Non-parametric methods. Neural networks. Hurst Exponent.

EDUCATION

**Telecommunication Engineer in Completing the Final Project at Physics Department:
Recovery of temperature and concentration by applying principal components analysis
on the electromagnetic spectrum collected with hyperspectral equipment.**

Universidad Carlos III de Madrid - Madrid, IA
September 2000 to Present

ADDITIONAL INFORMATION

EXPERTISE:

Programming languages R, Matlab, SQL (Server, MySQL & Oracle).

Technical programs Rstudio, Weka, SPSS, Tableau.

Operating systems Windows, iOS, Linux, Unix, NetBSD.

Technologies Cloudera Hadoop. Hive, Impala.

Office tools Microsoft Office, Microsoft Project.