

## Experience

Programming / Statistics

R, Python, SQL

spss, SAS, Minitab

EViews, Demetra+

Hadoop, Hive, MrJob

Git, AWS

Gephi, Neo4j, QGIS

Madrid, Spain (working remotely)

- Designed and implemented the ETL pipeline for a predictive model of traffic on the main roads in

eastern Spain (a project for the Spanish government).

- Automated scripts in R to extract, transform, clean (incl. anomaly detection), and load into MySQL

data from multiple data sources: road traffic sensors, accidents, road works, weather.

- Designed an experiment for Google Spain (conducted in October 2014) to measure the impact of

YouTube ads on the sales of a car manufacturer's dealer network.

- A matched-pair, cluster-randomized design, which involved selecting the test and control groups

from a sample of 50+ cities in Spain (where geo-targeted ads were possible) based on their sales-

wise similarity over time, using wavelets (and R).

MANAGEMENT - SALES (Electrical Eng.)

Feb. 2009 - Aug. 2013

Head of Sales, Spain & Portugal — Test & Measurement dept.

- Applied analysis of sales and market trends to decide the direction of the department.

- Led a team of 7 people.

Juan Jose Carin

Jan. 2016- Mar. 2016

Jun. 2014 -Sep. 2014

Mountain View, CA 94041

650-336-4590 | juanjose.carin@gmail.com

Passionate about data analysis and experiments, mainly focused on user behavior, experience, and engagement, with a solid

background in data science and statistics, and extensive experience using data insights to drive business growth.

University of California, Berkeley

- Machine Learning
- Machine Learning at Scale
- Storing and Retrieving Data

Universidad Politécnica de Madrid

- Data Mining
- Multivariate Analysis
- Time Series

Universidad Politécnica de Madrid

Master of Information and Data Science

- Field Experiments
- Applied Regression and Time Series
- Exploring and Analyzing Data

Data Visualization and

Research Design and Applications for

M.S. in Statistical and Computational Information Processing

- Neural Networks and Statistical

- Monte Carlo Techniques
- Numerical Methods in Finance
- Regression and Prediction Methods
- Stochastic Models in Finance
- Optimization Techniques
- Bayesian Networks

M.S. in Telecommunication Engineering

Radio communication systems (radar and mobile).

First year at University, due to Honors obtained last year at high school.

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