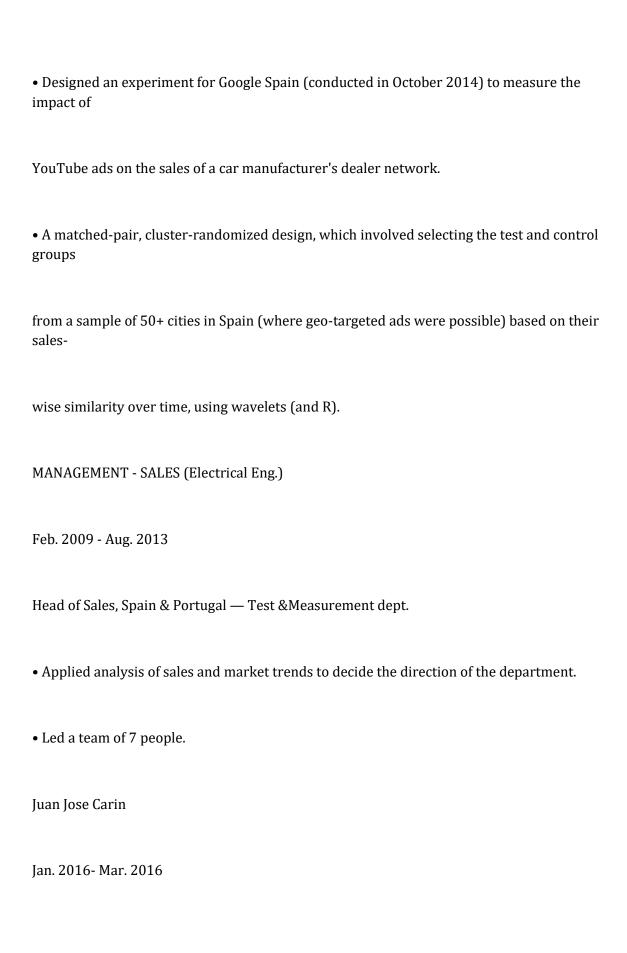## Experience

Programming / Statistics

R, Python, SQL

spss, SAS, Matiab

E Views, Demetra+

Hadoop, Hive, MrJob

Git, A WS

Gephi, Ne04j, 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.

Programming / Statistics

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