**Salvador García González**

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EXECUTIVE SUMMARY

* 5 years management experience of analytics teams to deliver value to company business units
* Solid experience in cross-industry analytics consultancy and agile project management providing advance analytics and machine learning models to units in Banking, Marketing and Supply Chain
* Specialist in statistical software programming languages (R) and BI tools (Tableau)
* Experience deploying Machine Learning and Artificial Intelligence models into production through microservices
* Intermediate knowledge of best practices in project management tools (Atlassian suite)
* Standard knowledge of top cloud computing suites: Azure/AWS/Google Cloud
* Statistics and Machine Learning Lecturer at undergraduate and graduate levels

EDUCATION

MSc Computer Science Aug 2020 – Currently

**Instituto Tecnológico Autónomo de México**

MSc Data Science (Machine Learning Specialization) Sep 2016 – Aug 2017

**University of Edinburgh (UK).**

BSc Applied Mathematics (Statistics Specialization) Aug 2009 – Dec 2014

**InstitutoTecnológico Autónomo de México (ITAM)**

BSc Actuarial Sciences (Statistics Specialization) Aug 2009 – Dec 2014

**InstitutoTecnológico Autónomo de México (ITAM)**

WORK EXPERIENCE

**Sr. Data Scientist / Director**, Grupo Salinas Nov 2019 – Currently

* + Delivering comprehensive back office solutions to support digital transformation strategy at Grupo Elektra
  + Provide ad-hoc analytics based on three pillars: Branch Office, Client and Employee.
    - Detect top-tier bank clients based on revenue and their demographic and transactional characteristics
    - Map expenses at Branch Office Level and detect anomalous patterns and unexpected behaviors
  + Coordination to implement the Tableau Server infrastructure and dashboard development to provide executive and operating reporting to the business units to accomplish the strategy of companies

**(Part-time) Lecturer**, ITAM, IEXE

* + Exploratory, inference, multivariate and hypothesis testing lecturer Jan 2020 – Currently
  + Management of high volumes of data through Hadoop Zoo

**Sr. Data Scientist / Advisor**, Cemex Global Headquarters Aug 2018 – Oct 2019

* + Advisor of Global Analytics Team, based on Monterrey and Prague. Provide machine learning microservices to digital tools that give service to America/Europe/Middle East Region:
    - Ready Mix System (System that get limited resources best allocation):
      * Develop real-time machine learning forecasting for ready-mix planning area.
      * Cancellation order probability (considers different factors as weather, client, jobsite status to give a probability of cancelation to be able to make an overbooking of resources)
    - Price Analytics Platform:
      * Contribution on the price variation model that looks to explain the change of income derived of change in price and/or volume.

**Data Scientist / Manager**, Grupo Salinas Aug 2017 – Jul 2018

* + Manager of Customer Strategy Team. Develop customer profiling and interaction of products across business
    - Detect opportunities and propose data-based insights and strategies
    - Analyze clients for all group (Retail, Telecom, Finance) to improve customer service level

**Data Scientist**, Las Quince Letras Consultancy Sep 2014 – Aug 2016

* + Develop Machine Learning models for retail, consumer goods, pawnshops industries.
    - Develop customer segmentation for retail company with over 800+ branch offices based on their transactional behavior.
    - Machine Learning model to measure the probability that goods are going to fall on default on a credit company.

TECHNICAL SKILLS

Programming languages/technologies

Advanced R

Intermediate SQL, Bugs/Jags/Stan, Impala/Hive, Bash, Tableau, Python

Basic Azure, AWS, SAS-language, C++, Visual Basic, Java

Specializations:

Johns Hopkins University. Data Science. Coursera Specialization (8 courses)

LANGUAGES

Spanish Native language

English IELTS 7.5

HONORS AND AWARDS

Open Data National Contest Finalist (top 3 of 250 teams) 2015

ITAM-Baillères 100% Scolarship for best admission exam (BSc) 2010

Regional Mathematical Olympiad (OMM) 1st place 2008