Statistics for Data Science from the business perspective...in 2019!

1 Marzo 2019

UC3, CAMPUS DE PUERTA DE TOLEDO. A LAS 10: 45H. Aula 0.A.02







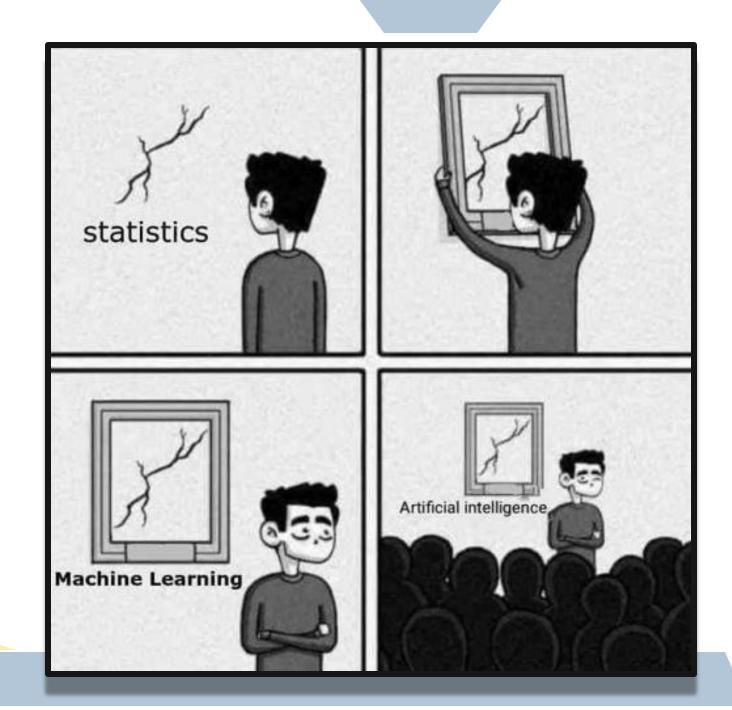
Romy Rodriguez
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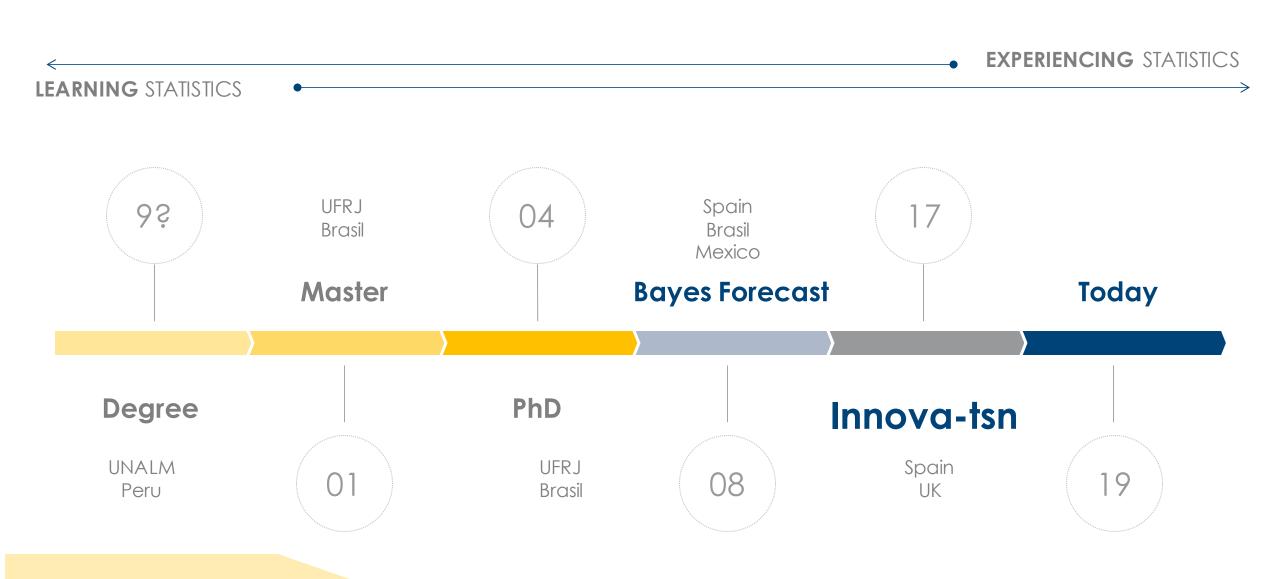
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15 years

3 cities

+220 consultants

Tailor-made solutions

+200 projects/year

5 cross areas

- ✓ Solutions Architecture
- Client Intelligence & Digital Marketing
- ✓ Business Discovery
- Advanced Analytics & Big Data
- ✓ In Labs











Regional
Partner of the Year
SE EMEA
2018



Premios Tecnología Siglo XXI 2019
INNOVA-TSN
Businnes Intelligence





Halifax, Nova Scotia - Canada August 13-17, 2017













Fraud Detection

- Classification
- · Gradient Boosting Machine
- SAS, R, Spark



Flight Reservations

- Demand Forecasting
- GBM, k-NN, Quantile regression
- SAS.R



Energy Demand

- Demand Forecasting
- ARIMA, Neural Networks, Clustering
- SAS, Python, Spark, AWS





GBM.

• SAS.R. H2O



Demand Forecasting





Audience

Forecast







Optimal Price

- Demand Forecasting, Optimization
- ARIMA, GBM, Hill Climbing
- SAS.R



endesa

Predictive Maintenance

- Classification
- · Gradient Boosting Machine
- R, Qlik Sense



HOTEL GROUP

Customer **Experience**

- Classification
- · Gradient Boosting Machine
- SAS, R



Up and Cross-Selling

- Topic Modelling
- Text Mining



Recommendation **System**

- Clustering
- k-NN
- Python, Spark



Forms Classification

- Documents Classification
- Text Mining, Deep Learning
- Python

Shaping ideas

66

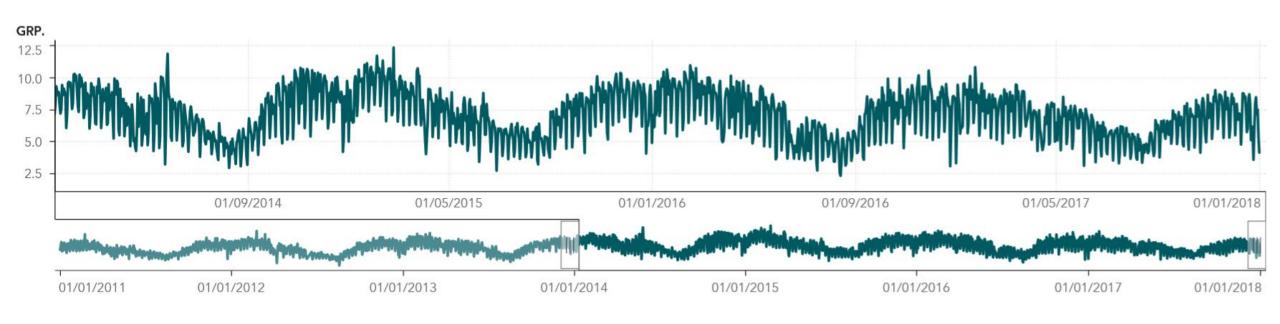
Help our clients to make the best business decisions based on the information provided by our solutions.





AUDIENCE



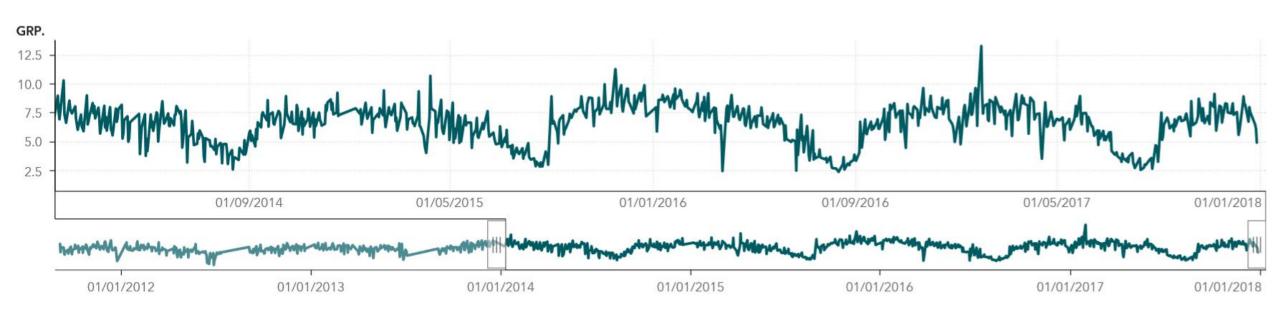






AUDIENCE



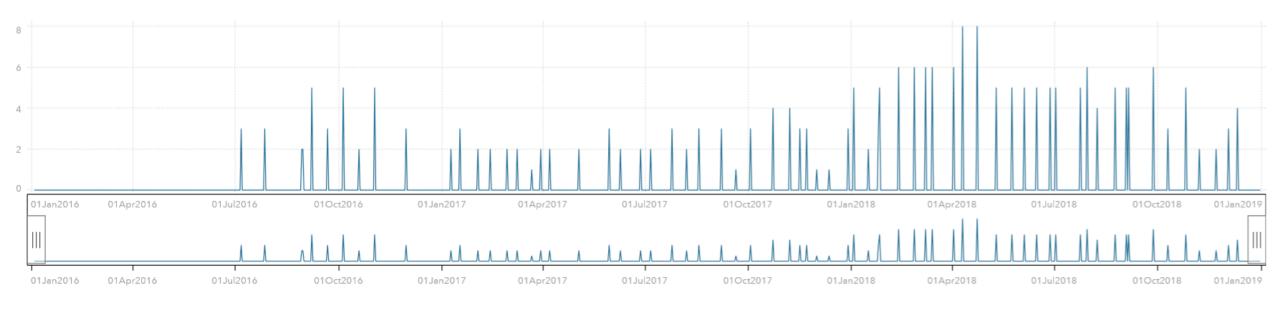






drug



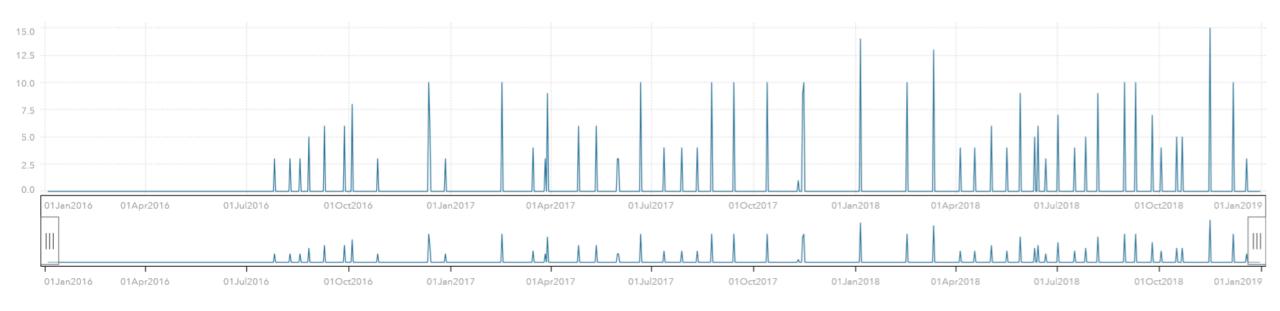






drug

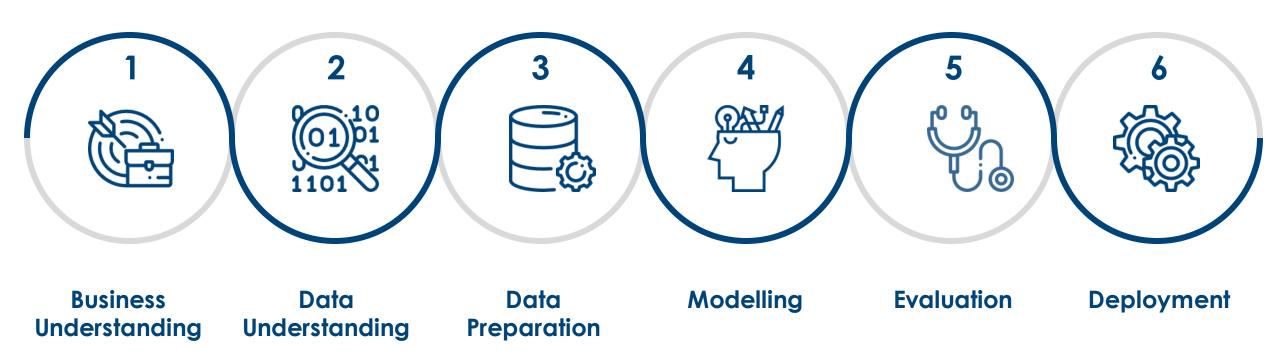








A PROJECT ROADMAP



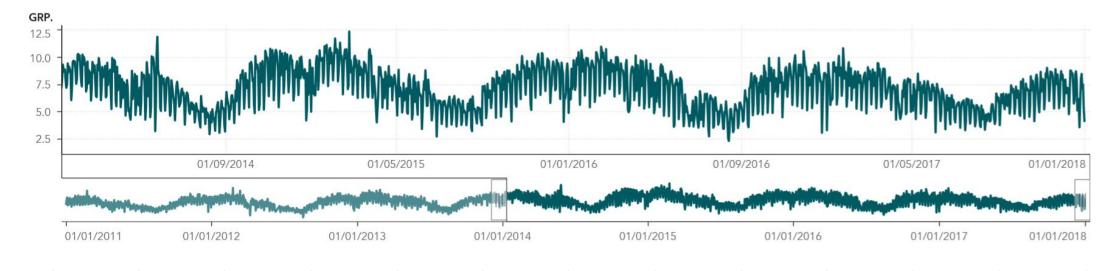


Our role

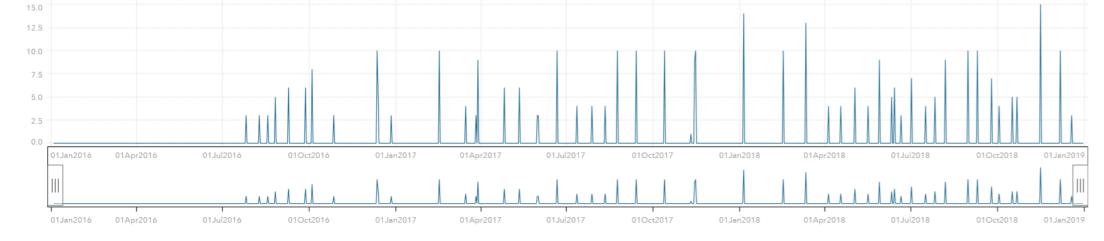




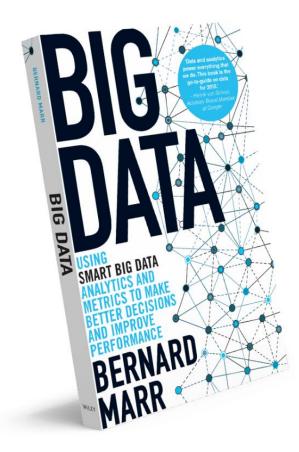






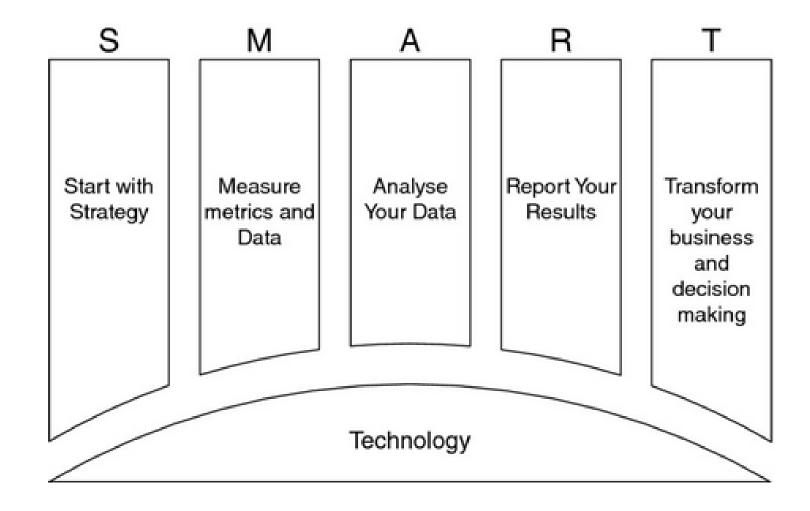






Big Data: Using SMART Big Data, Analytics and Metrics
To Make Better Decisions and Improve Performance
Bernard Marr

ISBN: 978-1-118-96583-2 256 pages. January 2015



STATISTICAL THINKING





#Estadistica, #InteligenciaArtificial y #MachineLearning

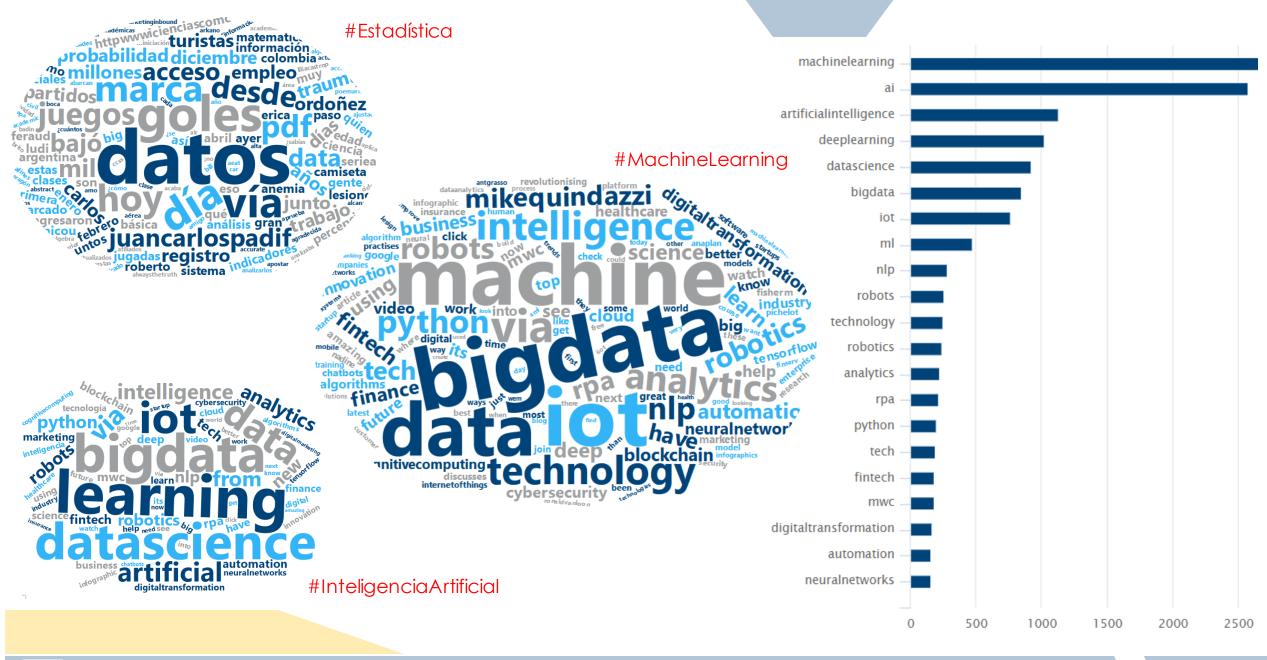


innova-tsn













TOOL













TECNIQUE

Classification

-Churn, Upselling, Maintenance-

Text Analytics

- Customer Experience, NPS, Reputation -

Demand Forecasting

- Intermittent demand, massive forecasts -

Diagnosis and Follow-up

- Banking -

Interpretability

- Client Management, Campaigns -

Optimization

- Pricing, Fraud Detection, Campaigns -



TO DO

End-To-End

Seniority

- Experience! -

New Data Sources

Open / External data

Analytics Translators

Business knowledge

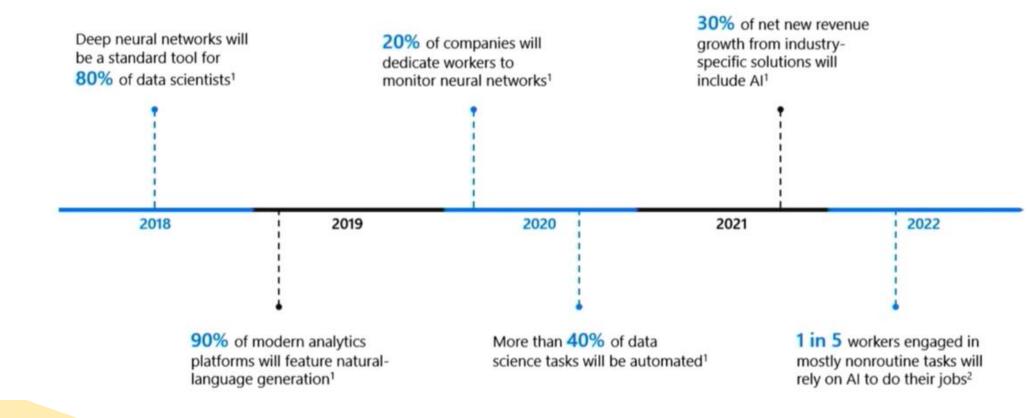


Gartner.

100 Data and Analytics Predictions Through 2021

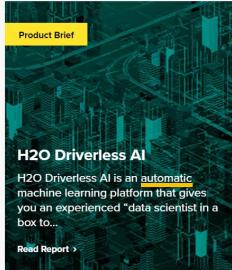
Published: 20 June 2017 ID: G00332376

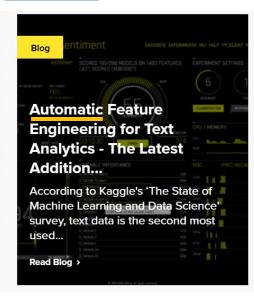
Advanced Analytics and Data Science

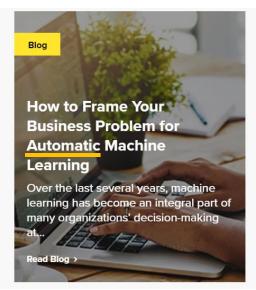


























Gartner Magic Quadrant for Data Science and Machine Learning Platforms (Source: Gartner)









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Q & A





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Si quieres formar parte de nuestro equipo, **envíanos tu CV recruiting@innova-tsn.com**





