

EMILIO BARRAGÁN RODRÍGUEZ

DATA SCIENTIST

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SKILLS

- Python
- Neural Networks
- Machine Learning
- Scikit-Learn
- Keras, TensorFlow
- Numpy, Pandas, Matplotlib...
- SQL
- R

LANGUAGES

- Spanish (Mother language)
- English (C1)

COURSES & CERTIFICATIONS

- Neural Networks and Deep Learning
 - Coursera (deeplearning.ai)
- Python for Data Science and AI
 - Coursera (IBM)
- Data Analysis with Python
 - Coursera (IBM)
- Data Visualization with Python
 - Coursera (IBM)
- Databases and SQL for Data Science
 - Coursera (IBM)

EDUCATION

- Computer engineering
UNIVERSIDAD DE SEVILLA (2017-actualidad)

PROJECTS

TFG: TIME SERIES ANALYSIS AND FORECASTING USING RECURRENT NEURAL NETWORKS.

My computer science final Project about time series forecasting.

SPANISH ELECTRIC NETWORK ANALYSIS

Data collection and processing using the REE API. Analysis and visualization of the data obtained (metrics, correlations ...). Modeling of a simple neural network for temporal prediction of the price of electricity. All this using Python and ML libraries.

ML PRESENTATIONS

- Neural networks introduction
- Data Science methodology
- Deep Learning using AMD GPUs

SONG LYRICS PROCESSING

Song lyrics processing and basic análisis using the Scala and Apache Spark programming language.

SCIKIT LEARN USAGE EXAMPLES

Scikit-Learn examples using some “toy” datasets. Made to learn the library.

WORK EXPERIENCE

- Data science - Associate
PwC Spain
- Data science developer (internship)
Athento: Smart Document Management