Facundo Argaña

Data science practitioner

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GitHub, LinkedIn

EXPERIENCE

MightyHive   Buenos Aires, ARG
Technical Solutions Engineer   *Apr 2019 - Present*

- Build innovative tools on top of advertising and analytics platforms to enhance the capabilities of our account management and specialist teams.
- Write technical documentation and provide training on the tools we build to other engineers and account managers across the globe.
- Provide technical guidance on complicated platform and implementation issues.

Digodat   Buenos Aires, ARG
Analytics Engineer   *Dic 2019 - Apr 2019*

- Design, perform and validate data collection implementations on sites / apps.
- Design and develop data integration applications in Cloud environments.
- Prepare technical documentation for third parties.
- Develop tools for internal / external use for validation, exploration and data tracking.
- Analyze data.
- Investigate new tools and practices around data analytics.

EDUCATION

Facultad de Ciencias Exactas y Naturales, UBA   Buenos Aires, ARG
Licenciatura en Ciencias de Datos   *Mar 2019 – Present*

ACÁMICA   Buenos Aires, ARG
Data Science Certification   *Jan 2019 – Jul. 2019*

PROJECTS

- **EDA:** exploratory data analysis of the real estate market in the city of Buenos Aires with a dataset of properties for sale published on the **Properati** portal. **Code in GitHub**.
- **Feature Engineering:** In this project I continued working with the dataset of properties for sale published on the Properati portal. The objective in this case was to continue cleaning the data and move forward in removing missing values and outliers. On the other hand, I added new attributes based on the data. **Code in GitHub**
- **Model:** The objective of this project was to apply modeling techniques to the property dataset. In this case I used regression techniques to predict house prices. I used algorithms like KNN and Decision Trees. In turn, I applied simple model evaluation techniques and metrics such as the confusion matrix and error measurements. **Code in GitHub**
- **Optimization:** In this project I tried to improve the results obtained with the implemented models. For that, I worked with GridSearch to carry out an exhaustive search for parameters and measure how well the predictive model performs with scores such as the area under the ROC curve. **Code in GitHub**
- **NLP:** In this project I worked with a movie review dataset. The objective was to classify each comment according to the positive or negative sentiment towards the film. To do this, I worked with natural language processing techniques and then applied different predictive techniques. **Code in GitHub**

SKILLS

- **Languages**: Python, R, SQL, Javascript   **Technologies**: Google Cloud Platform