

Alumni Mentored Internships

IE 399 Summer Practice Project Proposal Form

Alumni Information

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Company: EnerjiSA
Position:Data Management Specialist

Proposed Project Information

Project Title: Machine Learning Algorithms on Daily Connection/Disconnection Operations

Planned Start Date: 06.07.2020

Planned End Date:28.08.2020

Project Overview:

EnerjiSA Elektrik Dağıtım A.Ş. has mainly 3 field operations. First of them is “meter reading”, second “connecting” due to debt payment, new subscriptions to electricity etc, and third “disconnecting” because of theft and debt.

As Data Management Headship, we are currently work on different machine learning algorithms like Random Forest, SVM, logistic regression etc., on connection/disconnection operations in order to model if a customer is going to pay his/her debt on the same day when electricity is cut off. We hope that this model is going to prevent backwards on the routes.

Therefore, we are looking for a teammate who may help us when creating various algorithms on Python, analyze them and compare their performance.