

# **Alumni Mentored Internships**

## **IE 399 Summer Practice Project Proposal Form**

### **Alumni Information**

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**Company:** Kuveyt Türk Participation Bank  
**Position:** IT Expert Quality Assurance Engineer.

### **Proposed Project Information**

**Project Title:** Providing process mining reports using open-source packages in Python.

**Planned Start Date:** 22.06.2020

**Planned End Date:** 31.07.2020

#### **Project Overview:**

Process mining is a sub-field of data science focusing on the analysis of event data generated during the execution of processes. In our service, we provide process mining reports about software development life cycle of the Company using open-source packages in R. We also want to provide the reports using a python library, PM4Py that supports process mining algorithms in python. In this project you will be asked;

- to manipulate and utilize data log from ERP systems.
- to learn and use process mining algorithms implemented in pm4py in Python.
- to provide visualizations of the process mining reports in Python

We will enjoy working with interns who knows Python programming.