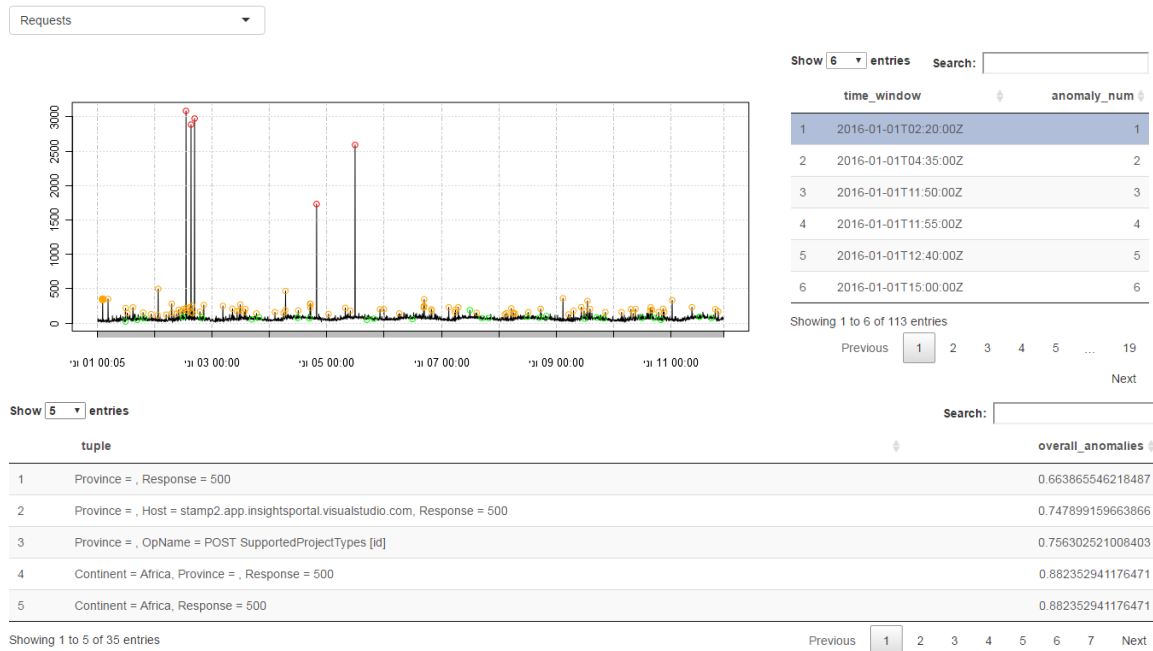# User Manual – Anomaly Lead Detector

Our interface is divided contains 4 parts:

1. **Dataset Selector** – choose between "Requests" dataset and "Synthetic" dataset
2. **Time Series Plot** – shows the time series of the dataset with anomalies highlighted by their level of severity
3. **Anomaly selector** – choose which anomaly you want to analyze and receive a ranked list of leads. Upon selection – the plot will highlight the anomaly.
4. **Lead Ranking** – once an anomaly is selected, the table will present the ranked list of leads for that anomaly

In order to view the interface, run the .R script named "Run-App.R" in main directory.

The script will download the repository from GitHub and run the application.

Alternatively, run the following command from RStudio:

```
if (!"shiny" %in% installed.packages()[, "Package"])

  install.packages("shiny", dependencies = TRUE)

library("shiny")

runGitHub(repo = "GiladRubin/Anomaly-Lead-Extraction")
```