

# UFUK TANER CEYHANLI

## Data Scientist

Vinohrady/Praha  
+420 777655815  
tanerceyhanli@gmail.com  
[linkedin.com/in/tcey](https://www.linkedin.com/in/tcey)  
[github.com/tanerceyhanli](https://github.com/tanerceyhanli)

### PROJECTS [tanerceyhanli.github.io](https://tanerceyhanli.github.io)

#### Data Analysis of House Sales Prices and Venues in Prague with Python

- Scraped the all available listings with their features for Prague on Sreality.com
- Cleaned, manipulated and visualized data for 57 municipal parts of Prague
- Retrieved available venues inside 1km radius of the municipal parts' center
- Cluster municipal parts based on venues data and searched for a relation with the average price per square meter metric

#### Forecasting of Gasoline MED-FOB Price Based on Historical Data with Python

- Downloaded the time series data for gasoline price from Platts.
- Implemented Moving Average, Exponential Smoothing, Exponentially Weighted Moving Average and Holt-Winter's method.
- Used machine learning algorithm, ARIMA (Autoregressive Integrated Moving Average) method and forecasted price with minimum error

#### Statistical comparison of three companies's HPWS level and motivation of employees with R

- High-performance work systems are a group of separate but interconnected human resource practice e.g. selection, training, performance appraisal, and compensation
- Conducted a survey of 150 people in three different companies
- Gave brief statistics about the companies
- Searched for a relation between HPWS level and motivation

### EXPERIENCE

#### Simulation Engineer / Ford R&D Center, Istanbul, 10.2017-12.2020

- Solve customer complaints by setting up computer simulation models.
- Virtual verification and validation of chassis systems and components.

##### Main Achievements

- Developed a python script for solid bolt generation for Abaqus.
- Developed a python script for deleting unwanted sets for Ansa.
- Created an API for step setup of Abaqus models.

#### BOM Data Analyst / Ford R&D Center, Istanbul, 03.2015-10.2017

- Bill of Material management of Ford vehicle programs.
- Process, analyze and report of BOM data of the vehicle programs weekly.
- BOM is a large and live data set including all the parts of the vehicle and its properties (id, cost, count, supplier, etc. ) which supports development, finance and manufacturing.

##### Main Achievements

- Developed a VBA script which checks BOM and list errors.
- Control model finder API.
- Created a tool making queries on a local web page and retrieving info for BOM.

### EDUCATION

#### Bogazici University, M.Sc., Engineering and Technology Management, Istanbul, 2019

- Focuses on data science
- Courses: Data Mining, Business Analytics, Applied Statistics, Economics, etc.
- GPA: 3.69/4

#### Uludag University, B.Sc., Mechanical Engineering, Bursa, 2013

- GPA: 3.20/4

#### Instituto Superior de Engenharia de Coimbra, Coimbra, 2012

- Exchange student

### SKILLS

- Machine Learning
- Data Analysis
- Python
- R
- SQL
- VBA
- R Studio
- Jupyter Notebook
- Github
- Microsoft Excel

### CERTIFICATES

Machine Learning with TensorFlow on Google Cloud Platform  
Google, 2020

IBM Data Science Professional  
IBM, 2020

SAS Statistical Business Analyst  
SAS, 2020

Intermediate Python Certificate  
Intermediate R Certificate  
DataCamp, 2020

IELTS 7/9  
British Council, 2019

6 Sigma Green Belt  
Ford, 2016

### LANGUAGES

Turkish: Native  
English: Advanced  
German: Beginner (improving)