



# KAGAN HAN CATAN

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Eskisehir, Turkey

kaganhancatan

KaganHanCatan

## STRENGTHS

R Python Data Science  
Data Visualisation

## SKILLS

- Python
- R
- Machine Learning
- Model Deployment
- Statistical Methods
- Ggplot and Matplotlib
- Shiny Framework
- Web Scrapping
- SQL & Postgresql

## LANGUAGES

English: **Intermediate / B2**

German: **Beginner / A2**

## ABOUT ME

*In 2022, I completed my education at Eskişehir Technical University, Department of Statistics. During my education, I did research and studies in the field of machine learning and artificial intelligence, and in my dissertation, I developed a web application that can run machine learning algorithms using the R Shiny package.*

*Currently, I work as a junior data scientist and recently done studies and re-search on forecasting time-dependent variables and data visualization.*

## EDUCATION

ESKISEHIR TECHNICAL UNIVERSITY | Department of Statistics

Eskisehir, Turkey

Year of passing: **4th year**

ANADOLU UNIVERSITY | Web Design and Programming

Eskisehir, Turkey

Open plan school

Year of passing: **2nd year**

## PROJECTS

### DIABETES DETECTION MODEL

I developed machine learning model that can predict diabetes with almost % 75 of accuracy.

### KOTLIN ANDROID GAME

I also had a curiosity of mobile app development that is why I developed a simple android game.

### TODO APP

I developed a web application called Todo list and I used Python flask framework for backend and frontend also I used Sqlalchemy for the database, and Html,Css and Bootstrap for that web application.

### SHINY WEB APPLICATION

Currently, I am making a shiny web application as my graduation project. The app contains data visualization, descriptive statistics, and machine learning algorithms. This project gets supported by TÜBİTAK in the scope of 2209-A - Research Project Support Programme for Undergraduate Students.

## ACHIEVEMENTS & AWARDS

I joined a local competition in the field of social science when I was in high school, and I made a project about the effects of game of chances on youth, and my project was chosen as 2nd project. I got accepted to TÜBİTAK competition and I had the chance to exhibit my project in the Mediterranean regional finals.

# CERTIFICATES

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## ENGLISH LANGUAGE CERTIFICATE (06/15/2018)

Pearson pre-intermediate English language certificate

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## ETHICAL HACKING CERTIFICATION (10/12/2018)

I completed a course on Udemy about ethical hacking.

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## AIESEC LEADERSHIP DEVELOPMENT EXPERIENCE CERTIFICATION (24/02/2020)

I was a part of a volunteering project in Romania as an English teacher. I taught English to the preschoolers and primary school students.

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## MACHINE LEARNING WITH PYTHON CERTIFICATE (01/05/2021)

I completed a course on Udemy about machine learning.

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## WHYR TURKEY PARTICIPATION CERTIFICATE (18/05/2021)

I attended the online WhyR? Turkey conference in partnership with the WhyR foundation.

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## INTRODUCTION TO DATA VISUALIZATION WITH GGLOT2 (13/11/2021)

I completed a course on Datacamp about data visualization with ggplot2.

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## DATA VISUALIZATION IN R (18/11/2021)

I completed a course on Datacamp about data visualization in R.