



# İlayda Çelenk

celenkilayda@gmail.com

[ilaydacelenk.github.io](https://ilaydacelenk.github.io)

+90 538 546 6466

## EDUCATION

Jan 2020 - Present **M.S in Industrial Engineering**  
*Bogazici University, Istanbul, Turkey* GPA: 3.50/4.00

Sep 2013 - Jan 2019 **B.S with Honors in Mathematics**  
*Bogazici University, Istanbul, Turkey* GPA: 3.13/4.00

Jan 2018 - June 2018 **Exchange Program**  
*Aarhus University, Aarhus, Denmark*

## ACADEMIC EXPERIENCES

Apr 2021 - Present **Research & Teaching Assistant**  
*Bogazici University, Industrial Engineering Department*  
Statistical Inference, Statistical Forecasting and Time Series,  
Statistical Learning for Data Mining, Special Topics in Time Series Analytics,  
See the [Complete List](#)

## WORK EXPERIENCES

June 2017 - Aug 2017 **Cast Member, The Walt Disney International College Program**  
*Work&Travel*

- Assisting the visitors at the store
- Responsible of the cash register

Feb 2017 - June 2017 **Trade Marketing Intern, Vodafone TURKEY**  
*Youth Segment*

- Published daily and monthly sales reports of the youth segment
- Participated in team meetings with various departments
- Followed incentive processes
- Attended Vodafone Roadshow 2017 in Gaziantep and Istanbul

Aug 2016 - Sep 2016 **Finance Intern, Zorlu Energy Group**

- Prepared reports on daily financial states of Zorlu companies
- Controlled financial accounting reports
- Analyzed the bank contracts
- Followed daily processes with banks

## SKILLS

**Languages** Turkish(Native), English(Fluent), French(Beginner)

**Programming Languages** C, R, Python, Gams (See [ilaydacelenk.github.io](https://ilaydacelenk.github.io) for details.)

## CERTIFICATES

- June 2019 - July 2019 *Big Data and Business Analytics Certificate Program*  
*Mindset Institute, Istanbul Technical University*
- Python, R, SQL
  - Machine Learning Algorithms
  - SPSS Modeler and Knime

## PROJECTS

- December 2018 *Annual Income Prediction*  
Final project for Special Topics in Information Systems course
- Analysis of the effect of numerical and categorical variables on the annual income level of a person
  - Exploration, Modeling, Evaluation using Python
- August 2019 *Loan Approval Prediction*  
Project for Big Data and Business Analytics Certificate Program
- Data Preprocessing, Visualization, Missing Value Imputation
  - Resampling, Feature Analysis, Modeling using Python
- September 2020 *Bogazici University IE48A*  
Assignments for Sp. Topics in Essentials of Data Analysis course
- Analysis of datasets on RMarkdown using R packages like Shiny, dplyr, ggplot2

## HONORS, REWARDS & SCHOLARSHIPS

- Jan 2010 - Dec 2012 The Duke of Edinburgh's International Award: Bronze, Silver
- Sep 2012 Public school renovation organized by TIKAV
- Sep 2014 - June 2018 Tübitak Undergraduate Scholarship Program 2205

## EXTRACURRICULAR ACTIVITIES

Organization Team Member, Management & Economics Club,  
*Bogazici University*  
Horse Riding Club, *Bogazici University*

## REFERENCES

Mustafa Gökçe Baydoğan, Ph.D. Associate Professor, *Bogazici University*  
email: [mustafa.baydogan@boun.edu.tr](mailto:mustafa.baydogan@boun.edu.tr)  
Kuban Altinel, Ph.D. Professor, *Bogazici University*  
email: [altinel@boun.edu.tr](mailto:altinel@boun.edu.tr)