



# Alireza Kabourani

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(+98)9024004940

Nationality: Iranian

github.com/AlirezaKabourani/CV

Iran

DoB: 1998-08-15

Marital Status: Married

Military Service: Educational Exemption

## Education

### Master of Statistics

2021 - 2023

Branch: Applied Statistics

Institute/University: Tarbiat Modares University

Tehran, Iran

GPA : 18.21

### Thesis: Statistical Learning Models Evaluation using Visualization

### Bachelor of Statistics

2016 - 2020

Institute/University: Isfahan University of Technology

Isfahan, Iran

GPA : 14.81

## Research Interests

Statistical Modelling and Machine Learning

Applied Statistics

Spatial Statistics

Statistical Shape Analysis

Mutivariate Analysis

Mathematical Statistics

Statistical Inference

Research

- **Visualization and evaluation of the results of statistical learning models using class maps along with providing application software with an emphasis on Persian manuscripts.**

Publisher: 5th International Conference on Soft Computing

Link : <https://alireza-kabourani.shinyapps.io/ClassMap/>

The above link is related to the software presented in this conference. The certificate of each two articles is placed on the GitHub page.

March 2024
- **Presenting a thesis with the subject: Statistical Learning Models Evaluation using Visualization**

Publisher: Tarbiat Modares University

Advisor: Dr Mousa Golalizadeh

January 2024
- **Visualizing and Evaluating the Results of Statistical Learning Models Using Class Maps**

Publisher: 5th Seminar on Spatial Statistics and Its Applications

Introducing the class map diagram for the purpose of evaluating and checking one by one the predictions of statistical models with the purpose of finding outlying observations, subclasses, the relationship between components and improving the performance of models.

October 2023

Work Experience

- **Marketing Analyst**

Atieh Dadeh Pardaz

Tehran, Iran

November 2023 - Present
- **Statistical Analysis Expert**

Iran Computer and Video Games Foundation

Tehran, Iran

July 2022 - August 2023
- **Intern**

Passing an internship at the Statistics Center of the Central Bank of the Islamic Republic of Iran

Tehran, Iran

June 2019 - August 2019

Skills

R (Programming Language)

Data visualization

Shiny Apps with R

Python

IBM SPSS Statistics

Power BI

SQL

Machine Learning

Sheet & Excel, Word, Powerpoint

LaTeX

### Director of National Survey and Statistical Analysis

December 2022

For: Iran Computer and Video Games Foundation

The report of the most important information on the consumption of game media in Iran, 2021, has been published based on a national survey of digital game players. The Digital Games Research Center (DIREC) has been in charge of managing the design of questions, determining the sample size, survey methodology and monitoring the process. I have collaborated in this national project as supervisor and statistical analysis expert.

Direct link to English version:

[direc.ircg.ir/wp-content/uploads/2023/05/LandscapeEnglish1400.pdf](http://direc.ircg.ir/wp-content/uploads/2023/05/LandscapeEnglish1400.pdf)

Link : <https://drc.ircg.ir/61>

### Teaching the R programming language and web application design on the Shiny platform

October 2023

For: Tarbiat Modares University and Shahid Beheshti University

Teaching introductory R programming language at Tarbiat Modares University to new students and teaching web application design on Shiny platform at Shahid Beheshti University.

### Application design in Shiny Platform

For: Dr. Amir Teimour Payandeh

Designing two web-based software on shiny platform to create a suitable user interface for using statistical learning models in topics related to insurance actuary and insurance statistics.

### Cooperation in statistical projects of ACECR Isfahan University of Technology

For: ACECR Isfahan University of Technology

Questioning, Analysis and Reporting of Surveys

### Preparation of machine learning tutorial videos in R software

For: Scientific Association of Statistics and Data Science of Isfahan University of Technology

Link : [www.aparat.com/iut.stat.data](http://www.aparat.com/iut.stat.data)

### Dissertation and essay counseling

For: Dissertation and essay counseling

### Participate in the first event of Play with Real Data

December 2020

The link of the sample dashboard made in this event

Link : [/dsg-group.shinyapps.io/DSG\\_Insurance](http://dsg-group.shinyapps.io/DSG_Insurance)

### Forming a student group called Amarpajohan

Cooperation in the statistical projects of institutions of Isfahan University of Technology, such as the Health Center, Planning Office and ACECR

## Honors

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- Rank 17 of the 25th Student Scientific Olympiad of 2019 - Statistics 2020

## Certificates

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- Questioning and opinion polling techniques** April 2019  
Institute: ACECR at Isfahan University of Technology
- Play with data Event Certificate** January 2021  
Institute: ISI  
Link : <https://github.com/AlirezaKabourani/CV>

## References

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- Dr Mousa Golalizadeh**  
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The recommendation letters is placed in the GitHub link.  
[github.com/AlirezaKabourani/CV](https://github.com/AlirezaKabourani/CV)

## Social Network

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 [alireza-kabourani-757b53175](#)