



Alireza Kabourani

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github.com/AlirezaKabourani/CV

Tehran, Iran

DoB: 1998-08-15

Marital Status: Single

Military Service: Educational Exemption

R Programmer and Statistical Analysis Expert

Experienced R programmer and statistical analysis expert with a strong background in machine learning, data analysis, survey analysis, and designing interactive Shiny applications. Skilled in utilizing R programming language to extract insights from complex datasets and deliver data-driven solutions. Thrives in collaborative team environments, fostering effective communication and demonstrating a strong teamwork spirit. Committed to delivering accurate results and utilizing statistical techniques to drive informed decision-making. Proficient in designing visually appealing and user-friendly Shiny applications to enhance data visualization and interactivity.

Education

Bachelor of Statistics

2016 - 2020

Institute/University: Isfahan University of Technology

Isfahan, Iran

GPA : 14.81

Master of Statistics

2021 - Present

Branch: Applied Statistics (Mathematical Statistics)

Institute/University: Tarbiat Modares University

Tehran, Iran

GPA : 18.21

Skills

R (Programming Language)

Data visualization

Shiny Apps with R

Python

IBM SPSS Statistics

Power BI

SQL

Machine Learning

Excel, Word, Powerpoint

Work Experience

- **Intern**

June 2019 - August 2019

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

Tehran, Iran
- **Statistical Analysis Expert**

July 2022 - August 2023

Iran Computer and Video Games Foundation

Tehran, Iran

Language

English

Reading

Writing

Speaking

Listening

Research

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

October 2023

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.

Projects

- **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>

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

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](https://dsg-group.shinyapps.io/DSG_Insurance)

Forming a student group called Amarpojohan

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

Honors

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

2020

Certificates

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>

Social Network

 [alireza-kabourani-757b53175](https://www.linkedin.com/in/alireza-kabourani-757b53175)