



# Riyadh Radhi

DATA SCIENCE ASSOCIATE

Istanbul Turkey

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*Senior researcher, R programmer, and statistician with a focus on Data Science and Business Analytics. Passionate about applying R-based solutions on daily basis to solve problems using statistical modeling, shiny dashboards, and analysis automation. A team Leader to connect technical teams to non-technical stakeholders.*

## WORK EXPERIENCE

### Data Science Associate

KAPITA BUSINESS HUB

*Remote*

*Jun 2021 -> Present*

- Shiny Dashboard Preparation
- Quantitative Data Analysis
- Analysis Automation
- Reports Preparations
- Statistical Analysis
- Data Analysis Team Supervision
- Research Methodologies Planning

### Lead Researcher

KAPITA BUSINESS HUB

*Remote*

*Aug 2020 -> Jun 2021*

- Data Analysis
- Data Visualization
- Data Modeling
- Data Collection Designing & Monitoring
- Research Design Preparation
- Technical Proposal Preparation
- Research Methodologies Planning

### Machine Learning Engineer

NOBLE SCRIPTS

*Yerevan, Armenia*

*April 2020 -> June 2020*

- Supervised & unsupervised Modeling
- Data Exploration and Processing
- Researching New Machine Learning Algorithms

### Data Analyst

CLINSTATDEVICE

*Yerevan, Armenia*

*Jan 2019 -> May 2020*

- Exploratory Data Analysis
- Data Modeling & Visualizations
- Interactive Dashboards & Reporting
- Data Pre-processing
- Data Wrangling & Manipulation

## Education

### Masters in Computer and Information Science

AMERICAN UNIVERSITY OF ARMENIA

*Yerevan, Armenia*

*2017 -> 2019*

- Courses: Machine Learning with R, Database System, Data Mining, Information Visualization

### Data Science Summer School

AMERICAN UNIVERSITY OF ARMENIA

*Yerevan, Armenia*

*2019 -> 2019*

- Courses: Inferential Statistics, Survival Analysis, R For Data Science, Web Scrapping and Econometrics.

### B.S in Mechanical Engineering

THE AMERICAN UNIVERSITY OF IRAQ, SULAIMANI

*Sulaimani, Iraq*

*2013 -> 2017*

### Politics and Economics of the Free Society, Social Science

CHARLES UNIVERSITY, CZECH REPUBLIC

*Prague, Czech Republic*

*2017 -> 2017*

## Data Analysis Skills

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### R Programming

INTERACTIVE SHINY DASHBOARDS, ADVANCED VISUALIZATIONS, INFERENTIAL STATISTICS, DESCRIPTIVE STATISTICS, DATA MODELLING, DATA WRANGLING, MACHINE LEARNING, REPORT & ANALYSIS AUTOMATION, WEB SCRAPING

### Statistics

HYPOTHESIS TESTING, TEST STATISTICS, REGRESSION ANALYSIS, MULTIVARIATE MODELLING

### Machine Learning

SUPERVISED CLASSIFICATION AND REGRESSION, UNSUPERVISED CLUSTERING

### Mathematics

LINEAR ALGEBRA, CALCULUS, DISCRETE MATH, GRAPH THEORY

### Pyhon

WEB SCRAPING WITH SCRAPY, PREDICTIVE MODELLING

### Database

SQL LANGUAGE , NoSQL( MongoDB)

### Version Control

GIT

## RSkills

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### Data Manipulation

TIDYVERSE, DATA.TABLE

### Dashboard

SHINY, GOLEM, FAKIR, SHINIPSUM, SHINYDASHBOARD

### Statistics

INFER, STATS

### Visualization

GGPLOT2, GGPLOT2 EXTENTIONS, PLOTLY

### Machine Learning

TIDYMODELS, CARET

### Web Scraping

RVEST

### Report Preparation

R MARKDOWN, QUARTO

### Database

DBPLYR, ODBC

### Version Control

GIT & GITHUB

## Honors

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### Winner in PSI AI Hackathon

FIRST PLACE - BEST PREDICTIVE MODEL

Phi Science Institute

2020

### Valedictorian Candidate - MSc

American University of Armenia

2019

### Most Valuable Soccer Player

American University of Iraq

2015