Mahdi Shirvin

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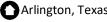

HIGHLIGHTS

MSc Management Science with +5 years experiences as analytics and data-driven forecasting, comfortable working with Operational, Marketing, and Finance data. Proficient in statistical, Data Modeling, Business insight, and Dashboard development. Well-versed in hypothesis testing, complex problem solving, and decision-making. Looking for Data Analyst / Business Intelligence Analyst positions and open to relocation.

SKILLS

Tools: R, STATA, SQL Oracle, Tableau, Python, Pandas, NumPy, Scikit-learn, seaborn, matplotlib, ggplot, Power BI, MS Excel, Visio, Gams, Lingo, MS Project, PowerPoint, Microsoft Office, Adobe Premiere, Photoshop.

Technical: Data Analysis, Data Mining, Statistics, Database foundation, Data Science techniques, Data visualization, presentation, Insight, Report design, Regression, Lasso, Ridge, Classification, KNN, SVM, Time Series Analysis.

EDUCATION

Master of Science in Management Science, *The University of Texas at Dallas.*   *AUG 2018 – MAY 2020*

Bachelor of Science in Industrial Engineering, *Sharif University of Technology*.   *AUG 2010 – FEB 2016*

PROFESSIONAL EXPERIENCES

OZARK CONSULTING & MARKETING, Fayetteville, Arkansas

Data Analyst Intern   *MAY 2020 – Present*

- Collaborate with marketing stakeholders and technical constituents to develop and execute business requirements.
- Build and manage marketing reporting and dashboards, develop recommendations, and innovative business solutions.
- Leverage data visualization tools & techniques (**Power BI, Power Query**) to deliver insights that drive business strategy.
- Perform data modeling, data analysis, and development of key performance indicators.

THE UNIVERSITY OF TEXAS AT DALLAS, Richardson, TEXAS

GRADUATE TEACHING ASSISTANT   *MAY 2019 – APR 2020*

- Tutoring students in various graduate and undergraduate analytics courses (e.g. Decision Making under Uncertainty).
- Compiled comprehensive spreadsheets using Microsoft Excel for student grades and their statistics to be easily examined.

NOAVARAN SHARIF, Tehran

CONTENT and DATA TEAM MANAGER   *DEC 2015 – JUL 2018*

- Coached video-on-demand team including 10 employees to produce more than 3000, 3-5-minute videos.
- Analyzed historical datasets using **R** to cleans data, interpret correlations, and feature selection in scientific models.
- Work closely with development teams and being able to coordinate with others and teammates to resolve Conflicts.
- Achieved data-driven analysis to categorize the most popular topics and increase the number of customers.
- Launched, test, and Improved workflow and filing system for 100% of the organizations in the company.

BEHIN BAZAR, Tehran, IRAN

MERCHANDISER   *JUL 2015 – DEC 2015*

- Committed for collecting, cleaning, transforming SAMSUNG's sales data in +500 cities using ***MS Excel.***
- Participated in work travels and collaborated and adapted with other teams with +30 members
- Conducted statistical analysis and marketing environment research to target potential customers.

ACADEMIC PROJECTS

NATURAL DISASTERS IN USA BETWEEN 2004 TO 2015 ANALYSIS.   *FEB 2020 – APR 2020*

- Preprocessing and data scrubbing with **R** and suggested latent correlations among correlation matrix.
- Create dashboards, story, multi-map, and design report from analyzed data using **Tableau**.
- Visualize and analyze networks using Gephi and ArcGIS Maps determine impacted refineries and advice new location.

Airbnb LISTING IN MAJOR US CITIES.   *OCT 2019 – JAN 2020*

- Built predictive models in **Python** for supervised/unsupervised machine learning techniques on various datasets.
- Constructed ML models for 50 features and +32000 instances, and model evaluation with cross-validation technique.
- Extracted a regression model with **Sklearn** to analyze the impact of property amenities on Airbnb pricing in USA major cities.

LEADERSHIP & ORGANIZATIONS

KANOON SHARIF, Sharif University – Central Council member   *DEC 2011 – FEB 2016*

Industrial Engineering MAG, Sharif university – Member   *OCT 2011 – FEB 2016*