# Mustafa Vardal

*Data Analyst Specialist*

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## SKILLS

Technologies: Python, R, Java, PHP, SQL, Tableau, PowerBi, HTML/CSS, Pandas, Scikit-Learn, Linux

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Soft Skills: Data Analysis , Data Storytelling, Data Visualization, Dashboarding, Project Management, Detail Oriented, Time Management, Presentations, Communication

## EDUCATION

### B.S Computer Science and Technology
**Sam Houston State University** 🔗

2018 – 2021 | Hunstville, United States

### B.S Software Engineering
**Firat University** 🔗

2013 – 2015 | Elazig, Turkey
Dual Program( Top 5% Engineering Class)

## CERTIFICATES

### Data Analytics Mastery - Renastech

• Completed an intensive Data Analyst Specialist certification program at Renastech, focusing on advanced techniques in data analysis, statistical modeling, and data visualization.

• Acquired expertise in data cleaning, manipulation, and exploratory data analysis (EDA) using tools such as Python and pandas.

• Mastered data visualization techniques with tools like Tableau and PowerBI, creating compelling visual representations of data for effective communication.

## PROFESSIONAL EXPERIENCE

### MKK Fashion LLC
**Data Analysis Specialist, United States 2021 – 2023**

2021 – 2023 | Dallas, United States

- Utilized advanced analytics to identify trends & opportunities from 500K+ client records, increasing operational by 75%
- Created complex queries using SQL, R, and Python scripting to extract accurate datasets from multiple sources with 89% accuracy, increasing by 80%.
- Collated datasets from various sources and compiled them into reports and dashboards Power BI, improving the accuracy of insights by 80%
- Created a plan for supply, demand and inventory management.
- Generated weekly and monthly reports, utilizing Power BI, Microsoft Word, and PowerPoint to create comprehensive and visually appealing deliverables.
- Analysis of retail companies' market volume, market analysis, and target audience with real-time data sets.

### Goodyear Tire and Rubber
**Software Engineering Intern**

Jun 2015 – Aug 2015 | Kocaeli, Turkey

- Collaborated with a cross-functional team of software engineers and computer scientists to contribute to the design and implementation of software solutions, enhancing the overall system.
- Played a key role in obtaining real-time weather information from the internet using PHP language, providing crucial data for decision-making processes within the software applications.
- Explored and gained hands-on experience with additional technologies, such as PHP, HTML/CSS, and JAVA.
- Demonstrated problem-solving skills by identifying and resolving issues promptly, contributing to the overall success of software projects.

## PROJECTS

### Predict Heart Diseases 🔗
**Machine Learning Prediction Algorithms, DataTalksClub**

Implemented ML algorithms in DataTalksClub, fine-tuning models using scikit-learn. Expert in preprocessing, feature engineering, and model evaluation. Explored linear regression, decision trees, xgboost. Integrated data visualization in Jupyter for model interpretability, aiding stakeholder understanding.

### Car Rental Project 🔗
**Building Dashboard, Renastech**

Collaborated with a diverse team of developers, designers, and instructors to gather requirements and successfully implement a comprehensive dashboard. Utilized Tableau, Microsoft Power BI, Excel, and Python for interactive data visualizations, incorporating data storytelling techniques for enhanced understanding. Integrated real-time data feeds and APIs to ensure accurate and timely information, while implementing robust user authentication and authorization features for personalized and secure data storytelling experiences.

### Bank Marketing Project 🔗
**Building Dashboard, Renastech**

Conducted a thorough analysis of customer data using Excel. To gain valuable insights into customer demographics and behavior, I employed various tools such as pivot tables/charts, VLOOKUP, and statistical analysis techniques. Furthermore, I crafted impactful data visualizations that effectively communicated the success and effectiveness of the campaign.