# Burak Savas Sahin

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## SUMMARY

Multidisciplinary, driven Data Analyst with a passion for condensing large data into a simple to understand story. Adept at working independently and collaborating with teams across multiple functions to take information from a wide variety of sources and effectively break down concepts. Excels at solving complex problems.

## EDUCATION

**RUTGERS UNIVERSITY, NEW JERSEY ––– DATA ANALITICS AND VISUALIZATION , 2021**

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

**BILGEADAM UNIVERSITY, ISTANBUL ––– COMPUTER SCIENCE, 2015**

Software Development in C# Programming Language, Object Oriented Programming, SQL Server, Web Programming

**MARMARA UNIVERSITY, ISTANBUL ––– BACHELOR OF SCIENCE IN PHYSICS , 2015**

Calculus I-III, Linear Algebra, Differential Equations, Statistics, Vector Physics
Programming In Physics: Mathematica, C++ , Matlab

## EXPERIENCE

**DATA ANALYST , TURKISH AIRLINES ––– HOUSTON, TX ; 2019 - CURRENT**

- Extract and transform data from multiple sources in preparation for exploratory data analysis, modeling, and reporting, using Excel, Tableau, Pandas, Numpy and other tools.

- Design, analysis and development of data architectures for relational databases. Create, modify and troubleshoot SQL queries, stored procedures and triggers

- Analyzing complex business problems and issues using data from operational data sources to provide insight to decision-makers

**QUALITY ASSURANCE SPECIALIST , AMAZON ––– CARTERET, NJ ; 2017 - 2019**

- Analyze and recommend process improvement solutions focused on systems, reporting, and data analysis efficiencies that positively impact the customer experience.

- Collaborate with the leadership team to develop and update monitoring forms to ensure the correct operational objective.

- Mentor and coach individuals and team while resolving problems and implementing best practices.

**RESEARCH DATA ANALYST, NANOTECH LAB OF MARMARA UNIVERSITY ; 2011 - 2013**

• Participate in solid state physics experiments involving semi conductivity and high-temperature superconductivity.

• Demonstrate experience in the design, construction, maintenance, and operation of experiments.

• Work closely with senior physicists to implement scientific algorithms in C++ .

• Perform complex data analysis on large dataset.


## SKILLS

**PROGRAMMING LANGUAGES**

Python, Javascript, R, C#, VBA

**DATABASES**

Postgresql, SQL Server, Mongo DB

**DATA TECHNOLOGIES**

Machine Learning, ETL Process, Amazon AWS, Google API

Big Data Analytics with Hadoop, Tableau, Power BI

**WEB TECHNOLOGIES**

HTML, CSS, Bootstrap,

D3JS, LEAFJT, Plotly, Web Design and Fundamentals

**STORE TOOL**

**GITHUB, Jupyter Notebook, Google Colab**