

Sevgi Cosan Senbaslar

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Work Experience

BOM ANALYST (CONTRACTOR), OCTOBER 2022-PRESENT, [RIVIAN](#)

Duties: Change management, engineering BOM – manufacturing BOM alignment in 3DX, BOM analysis and validation by communicating with stakeholders

Skills: BOM structure, part numbering, CATIA, DELMIA, ENOVIA, Microsoft Excel

PROJECT ANALYST, MARCH 2022-PRESENT, [QUICK RELEASE](#)

Worked/working as a contractor with electric vehicle manufacturing clients of Quick Release_, including Lucid and Rivian. Doing data analysis for other clients as needed.

Education

BSC. IN MATHEMATICS, JULY 2020, MIDDLE EAST TECHNICAL UNIVERSITY

Related Coursework: Calculus I, Calculus II, Linear Algebra I, Linear Algebra II, Differential Equations, Advanced Calculus I, Advanced Calculus II, Introduction to Optimization

Online Courses

COMPLETE DATA SCIENCE BOOTCAMP | UDEMY | [LINK TO COURSE](#)

Learned Fundamental Data Science Methods: Statistical Inference, Probability Theory, Multivariable Linear Regression, Multivariable Logistic Regression, Clustering, Deep Learning

FUNDAMENTALS OF DATA VISUALIZATION IN TABLEAU | UDEMY

Learned: Joining Tables, Visualizing Data, Filtering Data

MICROSOFT EXCEL - EXCEL FROM BEGINNER TO ADVANCED | UDEMY | [LINK TO COURSE](#)

Excel list, functions, data validation, exporting, importing data, pivot table, power pivot, look up functions

Projects

MOVIE RECOMMENDATION

A movie recommendation project in which I recommend 5 movies that are similar to any given movie using user ratings of movies. I use the [MovieLens](#) database as my dataset, and K-nearest neighbor algorithm as my model. [\[blog post\]](#) [\[code\]](#)

HOUSE PRICES PREDICTION

I predict prices of houses using a training set of >1000 houses where each house is described using 79 columns. I apply linear regression to the columns. This is my solution to [House Prices - Advanced Regression Techniques competition](#). [\[blog post\]](#) [\[code\]](#)

PERSONAL ACCOUNTING SHEETS

A set of sheets that allows users to track expenses and income for personal transactions. Transactions are summarized in 2 summary **pivot tables**. [\[blog post\]](#)

Skills & Abilities

TECHNICAL SKILLS

EBOM, MBOM, 3DX, BOM, Consulting, Python3 (NumPy, pandas, scikit-learn, matplotlib, TensorFlow), MATLAB, SQL, Microsoft Excel, Tableau, HTML, CSS

LEADERSHIP

2013-2014 IEEE METU Student Branch Chairwoman of Social Activities Committee: Organized team-building and ice-breaking events for the student branch, and had the lead role of connecting people to increase overall work efficiency.