



Abbad Taha Zayed

Education

- Data science course certificate from Coding Academy by Orange, January 2023.
- Master's degree in Structural Engineering from the University of Jordan, September 2022 (3.58)
- Bachelor's degree in Civil Engineering from Tafilah Technical University, June 2019 (90.52%)
- High School Degree from Salah Aldin Secondary School for Boys, July 2015 (87.6%)

Projects

- Data Science course graduation project:

Building a predictive model for the weekly sales of a company that consists of various branches and within each branch number of departments. Various ML models were tested including (Random Forest Regressor, Decision Tree Regressor, and Support Vector Regressor), this was in order to optimize the results, and the hyperparameters were tuned using cross-validation models (Random Search CV and Grid Search CV), the libraries used in the project included NumPy, pandas, matplotlib, and sci-kit learn. The project was conducted with two others team members.

- Master's Thesis:

Master's Thesis: Studying various new materials for repairing heat-damaged slabs and the performance of one-way slabs reinforced with stainless steel after exposure to elevated temperatures, the experimental work was validated using Abaqus software in which each experiment was simulated.

- Graduation Project:

Preparing all required plans for a contract, including structural design, Preparation of Structural drawings, quantity surveying, and putting a hypothetical time schedule for the project, in the project MS Excel was used for quantity surveying, ETABS was used for designing walls, columns, Prokon was used for designing the slabs and beams meanwhile safe was used for the footing design.

Experience

- Customer service representative at Extensya from February to June 2020, handling complaints for an online shopping company.
- University training from March to June 2019 in which I designed two houses using Prokon software and prepared all the necessary Structural drawings using AutoCAD.

References

Available upon request

Contact

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Languages

-Arabic

-English

Technical Skills

Data analysis and visualization using python libraries and MS Excel.

Cleaning and data preprocessing using python libraries Matplotlib, pandas, and NumPy.

feature extraction and the building of Machine learning models using Python library sci-kit learn.

Structural analysis and design for RC structures using ETABS, Prokon, Safe, and Abaqus software. AutoCAD for structural drawings.

Personal Skills

Hard Working

Adapt quickly to change

Flexible about my role

Team Player

Effective Communication and Interpersonal Skills

Ability to grasp new concepts quickly