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Summary

Have competitive problem-solving abilities, especially in data structure using C++ and Python. Can solve medium-range SQL query problems using PostgreSQL and MySQL. Most familiar with analyzing data with Microsoft Excel and Power BI and Dashboard Design. Have fluent knowledge of basic supervised and unsupervised machine learning algorithms with code implementation. Due to my bachelor's thesis, familiar with image processing with CNN's transfer learning model (ResNet152, DenseNet201).

Technical Skills	Tools & Language	Soft Skills
<ol style="list-style-type: none">1. Problem Solving2. Data Modeling3. Data Visualization4. Data Analysis Expression (DAX)5. Dashboard Design6. Machine Learning7. Deep Learning	<ol style="list-style-type: none">1. Power BI2. Excel3. MySQL4. PostgreSQL5. Python, C++6. Scikit-learn7. TensorFlow	<ol style="list-style-type: none">1. Communication: Social Media Coordinator at IEEE, DUET2. Presentation Skills: Physical journal presentation at ICECTE, 2022 in RUET3. Problem-Solving: (https://leetcode.com/reinforce43/)4. Statistical Knowledge

Work Experience

Job Title: Data Analytics Instructor May, 2023- Present
Organization: Web Pers Limited, Dhaka

- ❖ Teaching basic to advanced Excel topics where includes power Pivoting, Power Query, Data Modeling and Dashboard Design etc.
- ❖ Teaching Power BI where includes Transform data from various source, Advanced Data Modeling, make DAX Query, Data Visualization, Interactive Dashboard Design.
- ❖ Teaching PostgreSQL where includes all Joining Types, all subquery types, Common Table Expression (CTE), Window Functions etc.
- ❖ Furthermore, Connect PostgreSQL Database with Power BI and make Interactive Dashboard.

Projects

Data Analysis Project:

1. Excel, Power BI - Food mart dataset Analysis 2023
 - ✓ Preprocessing using Power Query, Data Modeling, Power pivoting, Making Interactive Dashboard
2. Excel, Power BI – Sales Marketing Dataset 2023
 - ✓ Apply Above Step as well as applying DAX based business problem.

Machine Learning Project:

1. Deep Learning- “Transfer Learning in Deep Neural Network for Prediction of COVID 19 from CT Images ” 2022
GitHub: <https://github.com/TheReinforce43/CT-Scan-COVID-19-dataset-using-ResNet152/>
2. Over Sampling and Under Sampling using SMOTE Technique in Python 2022
Github: <https://github.com/TheReinforce43/Machine-Learning-Assingment>

Publications

Paper Title: "Transfer Learning in Deep Neural Network for Prediction of COVID-19 from CT images"

The undergraduate thesis paper has been accepted at the 4th International Conference on Electrical, Computer, and Telecommunication Engineering, ICECTE, RUET on Image and Signal Processing track, entitled 6.

IEEE Explore Link: <https://ieeexplore.ieee.org/xpl/conhome/10114473/proceeding>

Education

1. B.sc in Computer Science and Engineering, 2022
Institute: Dhaka University of Engineering & Technology, Gazipur (DUET)
2. Diploma-in-Engineering in Computer Science and Technology, 2015
Institute: Feni Computer Institute, Feni.
3. Ataturk Model High School, 2011,
Department: Science

Ongoing Offline Professional Program

Course Name: Certified Course on Oracle Database Administration DBA 19c
Organization: BITM, PeopleNtech

Additional Activities

1. Participant at AWS COMMUNITY DAY BANGLADESH 2022.
2. Social Media Coordinator at IEEE, DUET branch. Session: 2021- 2022
3. Participants at the Intra DUET Programming Contest- 2022
4. Participant at the ICT Olympiad-2022

Reference

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