



**DOKUZ EYLUL UNIVERSITY**  
**ENGINEERING FACULTY**  
**DEPARTMENT OF COMPUTER ENGINEERING**

**CME4432**  
**APPLICATIONS OF DECISION SUPPORT SYSTEMS**

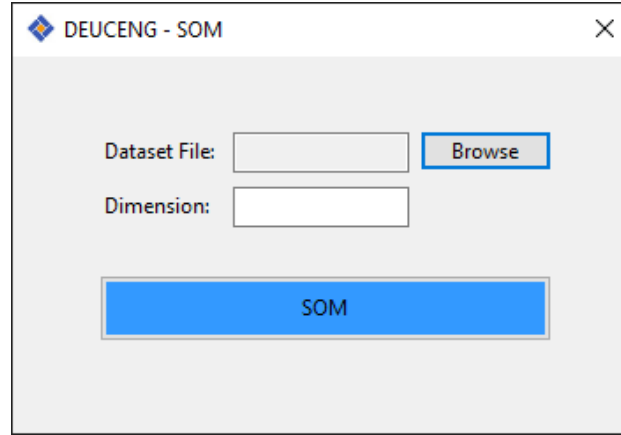
**ASSIGNMENT PROJECT II**  
**REPORT**

**By**  
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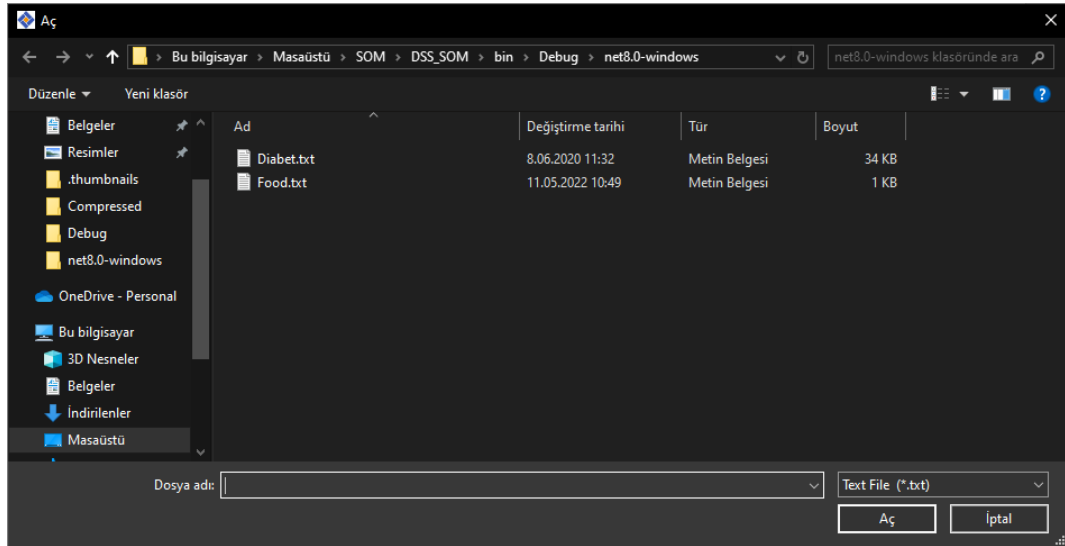
**İZMİR**  
**28.04.2024**

When the application is first opened, it prompts for 2 inputs as seen in the image. The first one is for the dataset file, and the other one is for the dimension size of the SOM algorithm.

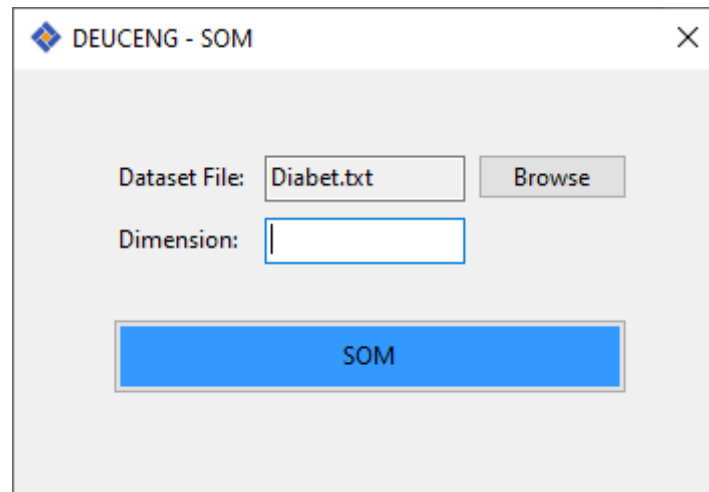


The screenshot shows a window titled "DEUCENG - SOM". It contains two input fields: "Dataset File:" and "Dimension:". The "Dataset File:" field has a "Browse" button next to it. Below these fields is a large blue button labeled "SOM".

When the "Browse" button is clicked, it displays the txt format datasets within the project.

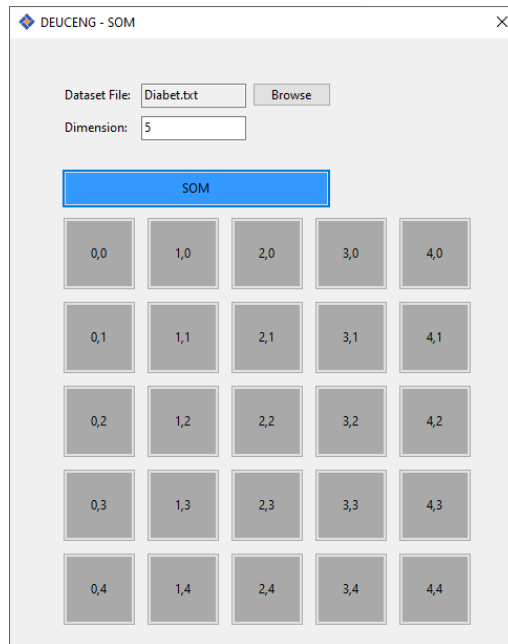


After the dataset is selected, it appears like this, and a number needs to be entered for the dimension.



The screenshot shows the same "DEUCENG - SOM" window. The "Dataset File:" field now contains the text "Diabet.txt". The "Dimension:" field is empty. The "SOM" button remains at the bottom.

After clicking the "SOM" button, buttons are generated according to the entered dimension number. Each button represents a coordinate.



Clicking on the buttons opens a new window containing a list of instances in that coordinate.

