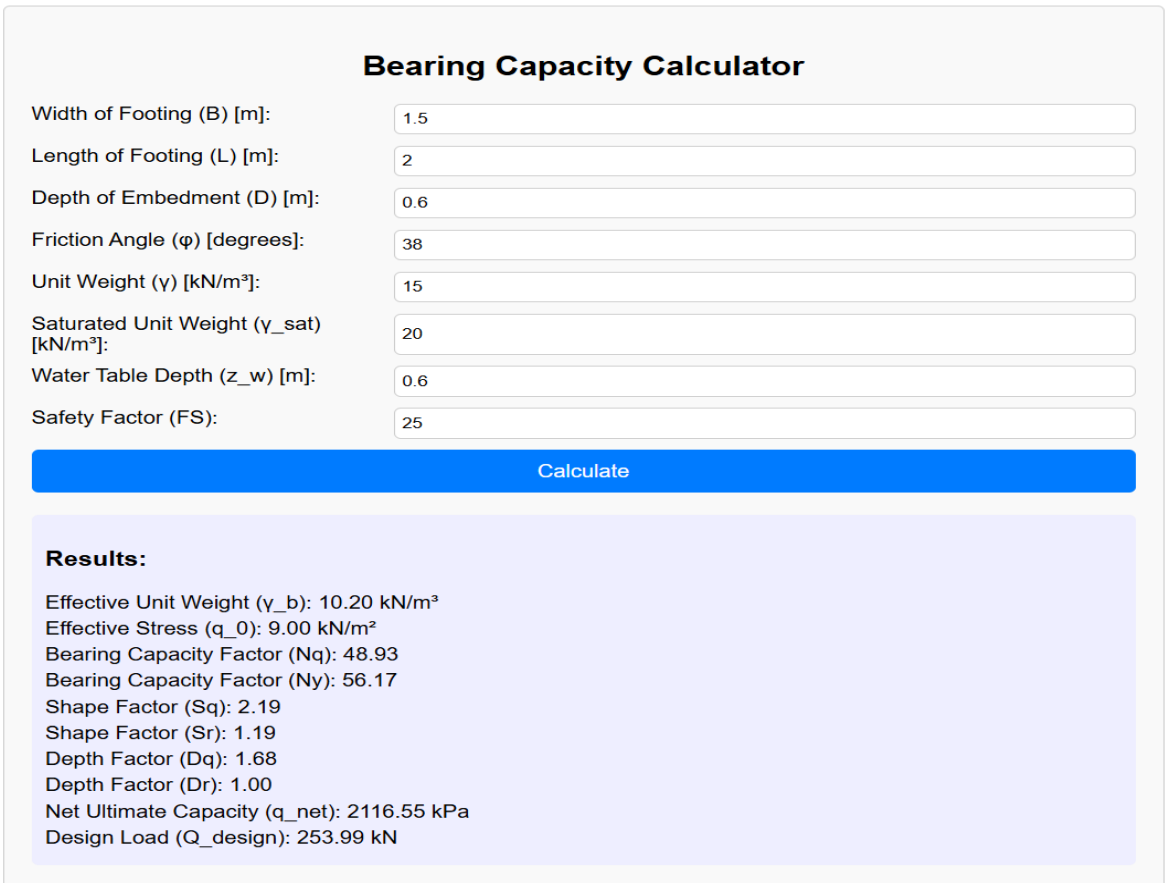
Answer #1

Results from python-based calculator illustrate very precise output data and can be used for foundation design for all sorts of cases mentioned in the lecture. Please kindly use the following URL for an online calculator.

C:\Users\nazar\OneDrive\Desktop\bearing_capacity_calculator.m\Ashraf_calculator.html

Ashraf_calculator.html



Answer #2 MATLAB based calculator:

The MATLAB based calculator results are not very accurate. Shown in MATLAB attached file.

Answer # 3 Excel spreadsheet. Kindly see the attached file