Project Proposal

Deep Learning

Data Science T5 Bootcamp

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Problem statement:

This is a deep learning project that marks as the last project in the Data Science Bootcamp, the expected goal is to build an integrated system with GUI contains a chatbot system that takes complains and violations about parking lot, and an on-site model that can detect parking issues.

Dataset Description:

In this project we are creating our own dataset based on many methods such as: Google forms, Web scarping and many more methods.

Tools:

Different tools have been used to achieve this goal such as:

1. Figma For GUI (Graphical user interface).
2. Bravo Studio for connecting the Database with the interfaces.
3. Python programming language.
4. Numby library
5. Pandas' library
6. Matplotlib library
7. SeaBorn
8. Sklearn
9. NlTK
10. CAmel Tool
11. CNN