

Disease Type Prediction

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Project Proposal

The following bullet points and remarks are meant to guide through the process of writing this proposal. Nevertheless we expect a coherent text.

1. Introduction

Explain your general idea and state the problem you are trying to solve.

1.1. Related Works

- Related and previous work on your topic
- A small overview of the SOTA (state-of-the-art)
- What is new/different in your approach?
- ...

2. Dataset

- Are you working with an existing dataset or is data collection part of your project?
- Explain the general nature of your data (show examples if beneficial) and provide information how you collected your dataset
- Does your data provide the labels necessary for training?
- Explain possible problems with the dataset
- What are your inputs and outputs?
- ...

3. Methodology

Describe all the different phases/components/steps on how you are planning to solve your previously stated problem. Try to give us a clear picture of your methodology and remember that the project's focus is on deep learning. Try to elaborate on the following points:

- Network architecture(s)

- Transfer learning and training from scratch
- Resource management (please consider GPU memory)
- ...

4. Outcome

What is your desired outcome or aspiration for the project?