Predicting Lung Cancer Survival Times

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Overview

The goal of this project is to develop a learning model to predict the survival time of a patient (remaining days to live) from one three-dimensional CT scan (grayscale image) and a set of pre-extracted quantitative imaging features, as well as clinical data.

Specifications

For this collaboration we will be using Python in order to construct our learning models. We are still learning which specific libraries we will use to develop our models, however two baseline libraries will be Pandas and Numpy.

Schedule

Date	What to finish
02/02/2023	Data Science Plan
02/09/2023	Understanding the data and cleaning if needed.
02/23/2023	Exploratory Data analysis
03/02/2023	Initial Report and Notebook
03/29/2023	Research Day Abstract
03/30/2023	Updated Report and Notebook
04/20/2023	Poster and Presentation
04/25/2023-04/27/2023	Final Report and Notebook Team Presentation