

# **Statistical Machine Learning Approaches to Liver Disease Prediction**

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## Project structure

Name	Date Modified
└─ .ipynb_checkpoints	24-Feb-21 2:41 PM
└─ Documentation	02-Mar-21 7:11 PM
└─ Liver_Patinet_Analysis.docx	02-Mar-21 1:34 PM
└─ Flask app	02-Mar-21 1:25 PM
└─ .ipynb_checkpoints	24-Feb-21 2:47 PM
└─ templates	02-Mar-21 12:19 PM
└─ liver_analysis.pkl	26-Feb-21 12:11 PM
└─ Liver_Flask_App.ipynb	02-Mar-21 1:25 PM
└─ Output	02-Mar-21 7:19 PM
└─ data_visualization1.PNG	02-Mar-21 7:19 PM
└─ data_visualization2.PNG	02-Mar-21 7:20 PM
└─ Project_structure1.PNG	02-Mar-21 7:34 PM
└─ indian_liver_patient.csv	24-Feb-21 2:42 PM
└─ liver_analysis.pkl	26-Feb-21 12:11 PM
└─ Liver_Patinet_Analysis.ipynb	02-Mar-21 7:20 PM

- We have three folders dataset, Flask and Training.
- Dataset has dataset indian\_liver\_patient.csv.
- A python file called Liver\_Flask\_App.py for server side scripting.
- We need the model which is saved and the saved model in this content is liver\_analysis.pkl.

- Templates folder which contains home.html and upload.html files.
- Training folder has Liver\_Patient\_Analysis.ipynb where the model is created and saved.
- Static folder which contains css(styling), fontawesome(styling), img(images), js(Java script) folders to enhance the features of the web page.