Workshop 3 – FHIR

In this workshop you will experiment with a simulated FHIR server to retrieve patient data. The goal is to use these data in the predictive model developed in Workshop 2 to make predictions.

**Getting started**

1. Go to <https://colab.research.google.com/> (you’ll need a Google account)
2. A screenshot of a computer

   Description automatically generatedUpload the necessary file, it should look like that. The files can be found on Moodle.
3. Copy-paste the code below in the first cell and run it.

import json

import requests\_fhir as requests

import pandas as pd

import matplotlib.pyplot as plt

BASE\_URL = 'https://test/fhir/'

json\_headers = {'Content-type': 'application/json', 'Accept': 'text/plain'}

**To-do**

Go through the following steps:

1. List patients using the get method from requests\_fhir
2. Look at the snomed.csv file inside the data folder to see which code to use to access the data
3. Get measurements of cholesterol for a patient and plot it over time
4. Obtain the necessary information for your model using requests\_fhir
5. Feed these data into your trained model and make predictions