



Machine Learning

CSE - 465

Lecture - 09

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Creating new file

The screenshot shows the Google Colaboratory web interface. At the top, there's a header with the Colaboratory logo, the text "Welcome To Colaboratory", and links for "Share", "Settings", and a user profile. Below the header is a menu bar with "File", "Edit", "View", "Insert", "Runtime", "Tools", and "Help". The "File" menu is open, displaying a list of options: "New notebook" (highlighted), "Open notebook" (with keyboard shortcut Ctrl+O), "Upload notebook", "Rename notebook", "Move to trash", "Save a copy in Drive", "Save a copy as a GitHub Gist", "Save a copy in GitHub", "Save" (with keyboard shortcut Ctrl+S), "Save and pin revision" (with keyboard shortcut Ctrl+M S), "Revision history", "Download .ipynb", "Download .py", "Update Drive preview", and "Print" (with keyboard shortcut Ctrl+P). The main content area on the right has a title "What is Colaboratory?" and a paragraph explaining that Colaboratory, or "Colab" for short, allows you to write and execute Python in your browser, with a list of features: "Zero configuration required", "Free access to GPUs", and "Easy sharing". Below this, it says "Whether you're a **student**, a **data scientist** or an **AI researcher**, Colab can make your work easier. Watch [Introduction to Colab](#) to learn more, or just get started below!". There's a section titled "Getting started" which states "The document you are reading is not a static web page, but an interactive environment called a **Colab notebook** that lets you write and execute code." and "For example, here is a **code cell** with a short Python script that computes a value, stores it in a variable, and prints the result:". At the bottom, a code cell is shown with the following Python code:

```
[ ] seconds_in_a_day = 24 * 60 * 60
    seconds_in_a_day
```

Upload dataset on colab

- Upload new file on Google Colab
`from google.colab import files`
`files.upload()`
- After uploading the dataset import pandas library to manipulate dataset
`import pandas as pd`
- Now load the dataset using pandas library
`dataset=pd.read_csv('cardio_train.csv', sep=';')`
- Now display the dataset
`dataset`



Upload dataset on colab



day1.ipynb ☆



Comment



Share



File Edit View Insert Runtime Tools Help [All changes saved](#)

+ Code + Text

✓ RAM
Disk

Editing



```
[1] from google.colab import files  
files.upload()
```

Browse... cardio_train.csv

cardio_train.csv(application/vnd.ms-excel) - 2941524 bytes, last modified: n/a - 100% done

Saving cardio_train.csv to cardio_train.csv

{'cardio_train.csv': b'id;age;gender;height;weight;ap_hi;ap_lo;cholesterol;gluc;smoke;alco;active;cardio\n0;18393;2;168;62.0;110;80;1;1;0;0;1;0\n1;20228;1

```
[3] import pandas as pd
```

```
[4] dataset=pd.read_csv('cardio_train.csv', sep=';')
```

dataset

	id	age	gender	height	weight	ap_hi	ap_lo	cholesterol	gluc	smoke	alco	active	cardio
0	0	18393	2	168	62.0	110	80	1	1	0	0	1	0
1	1	20228	1	156	85.0	140	90	3	1	0	0	1	1
2	2	18857	1	165	64.0	130	70	3	1	0	0	0	1
3	3	17623	2	169	82.0	150	100	1	1	0	0	1	1



Thank You

