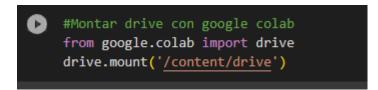
## 1.- Montamos drive en Colab



2.- Importamos la librería Panda y cargamos el dataset que sea el wine

```
[2] #Importar la libreria pandas
  import pandas as pd

[3] #Cargar el dataset
  df = pd.read_csv('/content/wine.csv')
```





```
[6] #Revisar la info
    X.info()
    <class 'pandas.core.frame.DataFrame'>
    RangeIndex: 178 entries, 0 to 177
    Data columns (total 13 columns):
     # Column
                             Non-Null Count Dtype
     0 Alcohol
                             178 non-null
                                            float64
        Malic.acid
                             178 non-null
                                            float64
     2 Ash
                             178 non-null
                                            float64
        Acl
                             178 non-null
                                            float64
     3
                                           int64
     4
        Mg
                            178 non-null
     5 Phenols
                             178 non-null
                                            float64
     6 Flavanoids
                            178 non-null
                                            float64
     7 Nonflavanoid.phenols 178 non-null
                                            float64
                             178 non-null
     8 Proanth
                                           float64
     9 Color.int
                             178 non-null
                                            float64
     10 Hue
                             178 non-null
                                            float64
     11 OD
                             178 non-null
                                            float64
     12 Proline
                             178 non-null
                                            int64
    dtypes: float64(11), int64(2)
    memory usage: 18.2 KB
```

```
[9] #Crear el modelo de K vecinos mas cercanos "KNN"
knn = KNeighborsClassifier()
knn_scores = cross_val_score(knn,X,y,cv=5,scoring='accuracy')
#Sacar el promedio de las corridas
knn_scores.mean()

0.6915873015873016
```