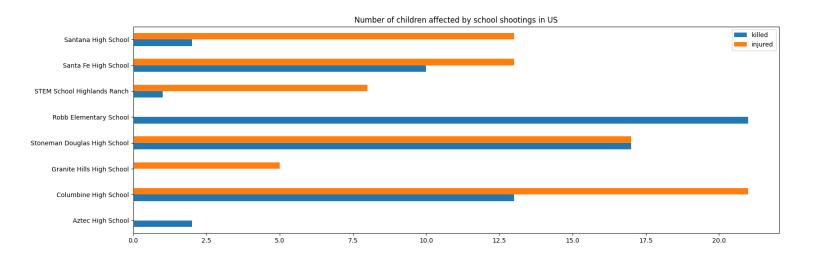
## Bar Graphic

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## **Description**

Given 3 columns, the first one can be a string or number (as a name) and the second and third one numeric column, the method compares the variable between 2 different categories and draws a graphic bar of the input data.

#### **Parameters**

• Title: Title of the graphic.

• Height: Height of the graphic.

• Width: Width of the graphic.

### Result

A graphic in pdf format.

### **Constraints**

The last 2 columns should be numeric values.

# **Implementation**

To obtain the data from the csv file is used *pandas* library and to draw the bar graphic is used *matplotlib* library. Additionally, another libraries are used in order to create the API and transform the data.