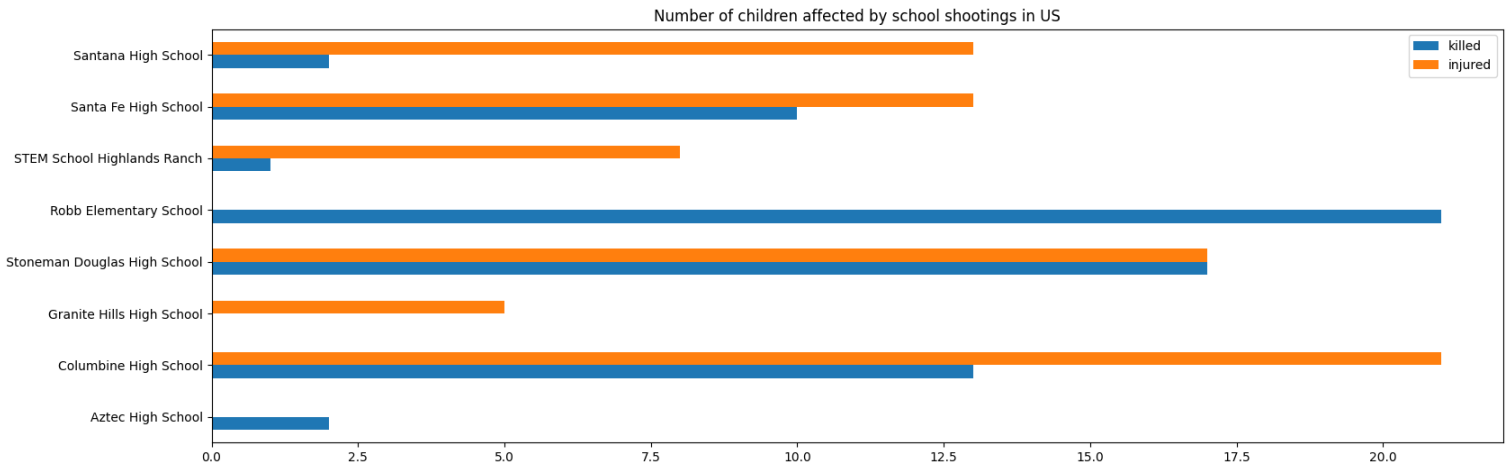


Bar Graphic

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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.
- Categorical variable (Must be the column name)
- Variable 1 (Must be the column name)
- Variable 2 (Must be the column name)
- 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. The variables names must be specified in the parameters. If the names are not correct, the method will calculate the graphic in the order that the file has the columns.

Implementation

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