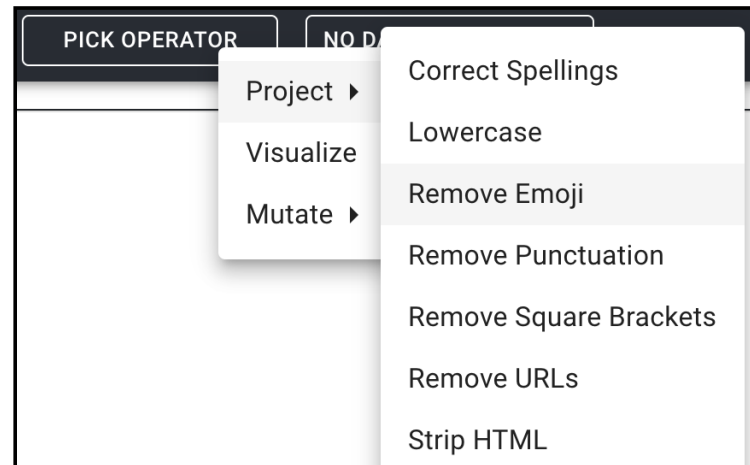```
In[1]:   # Load dataset and select the "review" column
         data = VTA("reviews.csv", started=True)
         col = data.get_column("review")

In[2]:   # clean column content
         col.project().strip_html()
         col.project().remove_emoji()
         col.project().lowercase()
         col.project().correct_spellings()

In[3]:   # ceate a new column with review tf-idf
         new_col = col.mutate().tf_idf()
         col2 = data.get_column(new_col)

In[4]:   # access metadata to visualize top words
         col2.aggregate().word_scores("feature_labels")
         col2.visualize("barchart", "top_scores")
```
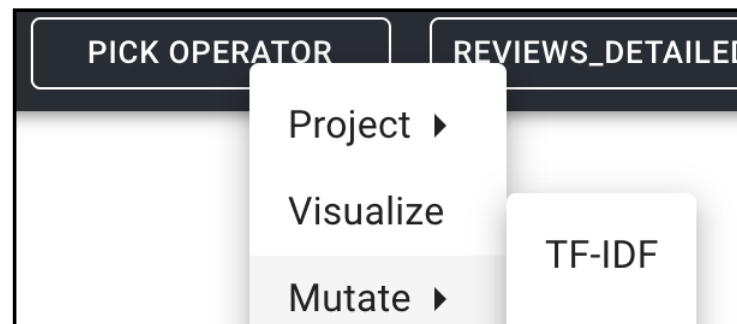
(a) VITAL commands

(b) Cleaning operations

(c) Featurization operations