Data Curation: Towards a Tool for All
Jose Dias¹, Jácome Cunha¹,², Rui Pereira²
1.University of Minho, 2.HASLab/INESC Tec, Portugal
a78494@alunos.uminho.pt, {jacome, ruipereira}@di.uminho.pt

Problems:
- Repeating mundane tasks
- Identifying solutions
- Interpreting data
- Understand transformations

Solutions:
- Data based suggestions
- Automatic statistic calculations
- Spreadsheet-like view of data
- Separate data table to preview

Statistical cards used to help the user understand the data presented in the preview table.

Data table used to preview any kind of transformation before they are applied. In this table it is also possible to directly alter the data in each cell and use visual filters directly.

Suggestion cards used to help the user find the right solution for a given problem. Some are specific to the data others more generic.

A data table that is used to represent the actual state of the data. This table is can't be directly altered but visual filters can also be applied as they do not change the data.

Possible Column Filters:
- Filter by condition:
  - None
  - Is empty
  - Is not empty
  - Is equal to
  - Is not equal to
  - Begins with
  - Ends with
  - Contains
  - Does not contain

Alternative Statistical Cards:

Battery Level Histogram

This work is financed by National Funds through the Portuguese funding agency, FCT - Fundação para a Ciência e a Tecnologia within project UIDB/50014/2020.