Understand the problem

We compare our results with other data wrangling systems on a range of data wrangling problems. We analyse the capabilities of MagicHaskeller as a data wrangler by using the right DSBK. We have performed a set of experiments to analyse the performance of our approach:

- **Accuracy:**

<table>
<thead>
<tr>
<th>Methodology</th>
<th>Inductive Programming</th>
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| MagicHaskeller | The program receives:  
- Some examples  
- Background Knowledge  
The result is a hypothesis on how to obtain new examples by using the knowledge. |

We use MagicHaskeller as an inductive functional programming tool:
- We extend its general background knowledge with specific domain functions.
- We have collected or created a set of datasets for data wrangling tests.

Future Work

- Automate the detection of the domain by using machine learning techniques.
- Integrate in a more standalone tool or web-service in a more usable, standard and accesible format.
- Develop an API allowing its use with any language or tool.