### 0.0.1 (Data Haskell)

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| Status: | (Alive and well) |

The DataHaskell community was initiated in September 2016 as a gathering place for machine learning / data science practitioners and Haskell programmers; we observe a growing interest in using functional composition, domain-specific languages and type inference for implementing robust data processing pipelines, and reusable algorithm implementations.

Members of DataHaskell gather in the following places: a GitHub organization [1], a Gitter chatroom [2], and an introduction website [3]. The development team uses a Trello board to track the details of ongoing activities [4].

One of our first steps was setting up a wiki [5] to serve as a knowledge base of related Haskell packages and frameworks.

After an informal survey the community seems to be lacking most:

- an IDE for exploratory data analysis,
- a generic 'data-frame' for fast import and manipulation of heterogeneous tabular data,
- a native numerical back-end;

therefore current DataHaskell activities are first focusing on improving the ergonomics of the IHaskell notebook [6], and putting it to use on a Kaggle classification exercise [7]. This will serve to highlight the merits and the gaps or inefficiencies in the current package landscape.

We cherish the open and multidisciplinary nature of our community, and welcome all new users and contributions.

#### Further reading

datahaskell.org

[1] https://github.com/DataHaskell
[2] https://gitter.im/dataHaskell/Lobby
[3] http://datahaskell.org
[4] https://trello.com/b/ucB25d5v/tasks
[5] http://datahaskell.org/wiki
[6] https://github.com/DataHaskell/DataIHaskell
[7] https://github.com/johnny555/ToolExamples/tree/master/Kaggle/Titanic