

„Data Engineering in der Praxis“

Technology map



The landscape of Data Engineering

In the picture you see recent technologies and frameworks used in Data Engineering. There are four main areas: Data Storage, Data Query and Data Processing, Data Cleansing and Data Mining and last but not least Data Visualisation. Each technology is positioned according to its relative affiliation to the areas.

The main tasks of these areas are:

- Store petabytes of data in distributed database systems and work in a way that takes memory-resources in mind (Storage)
- Access your data fast, efficient and cost-friendly every time from all around the world (Query & Processing)
- Get important and interesting knowledge out of your data as fast as possible (Cleansing & Mining)
- Create beautiful graphics to talk about with your customer and distribute knowledge fast among your team (Visualisation)

Participant

IT-Systems Engineering | Universität Potsdam
Tim Cech (Bachelor)

Prof.-Dr.-Helmert-Str. 2-3 | D-14482 Potsdam
E-Mail: Tim.Cech@student.hpi.uni-potsdam.de