DABAI

DANISH CENTER FOR BIG DATA ANALYTICS DRIVEN INNOVATION

Public-private partnership to boost the exploitation of big data

Hverken *Dubai* eller *aber dabei* ☺

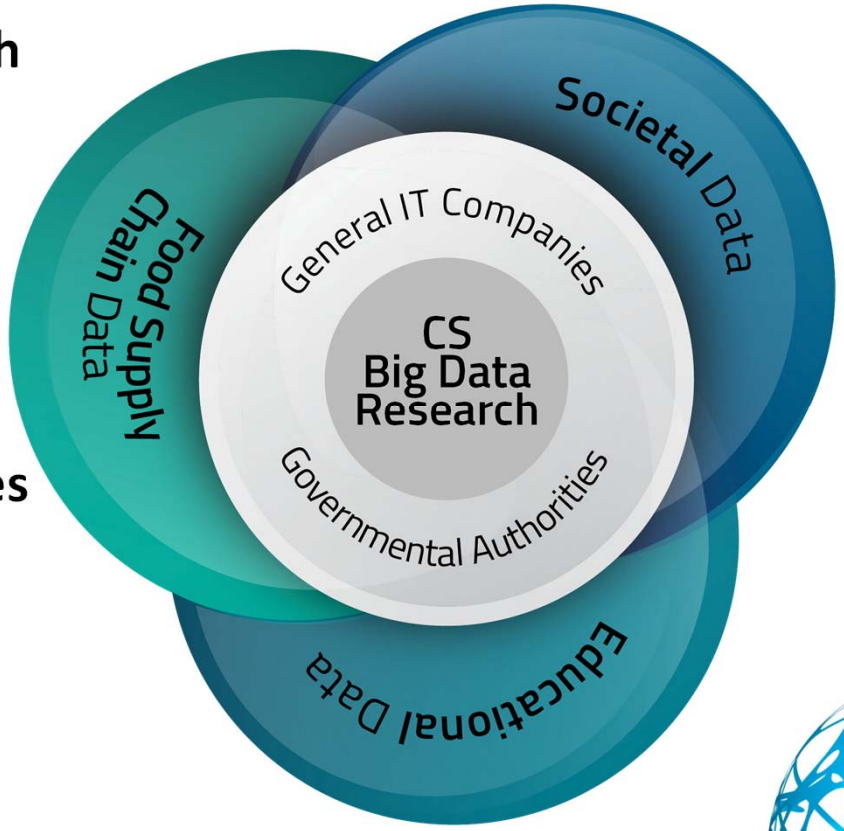
Dabai er en blank sort frugt, der kun findes på Borneo. De 40-50 meter høje træer bærer først frugt efter 5-10 år. Dabai-frugten skal lægges i blød i varmt vand, før den kan spises.
Den smager fantastisk og er meget næringsrig. Man kan spise både skallen og kødet, – og har man held til at knække den smukke diamant-formede kernesten, får man også mulighed for at nyde den lækre nød.

Challenge and aim

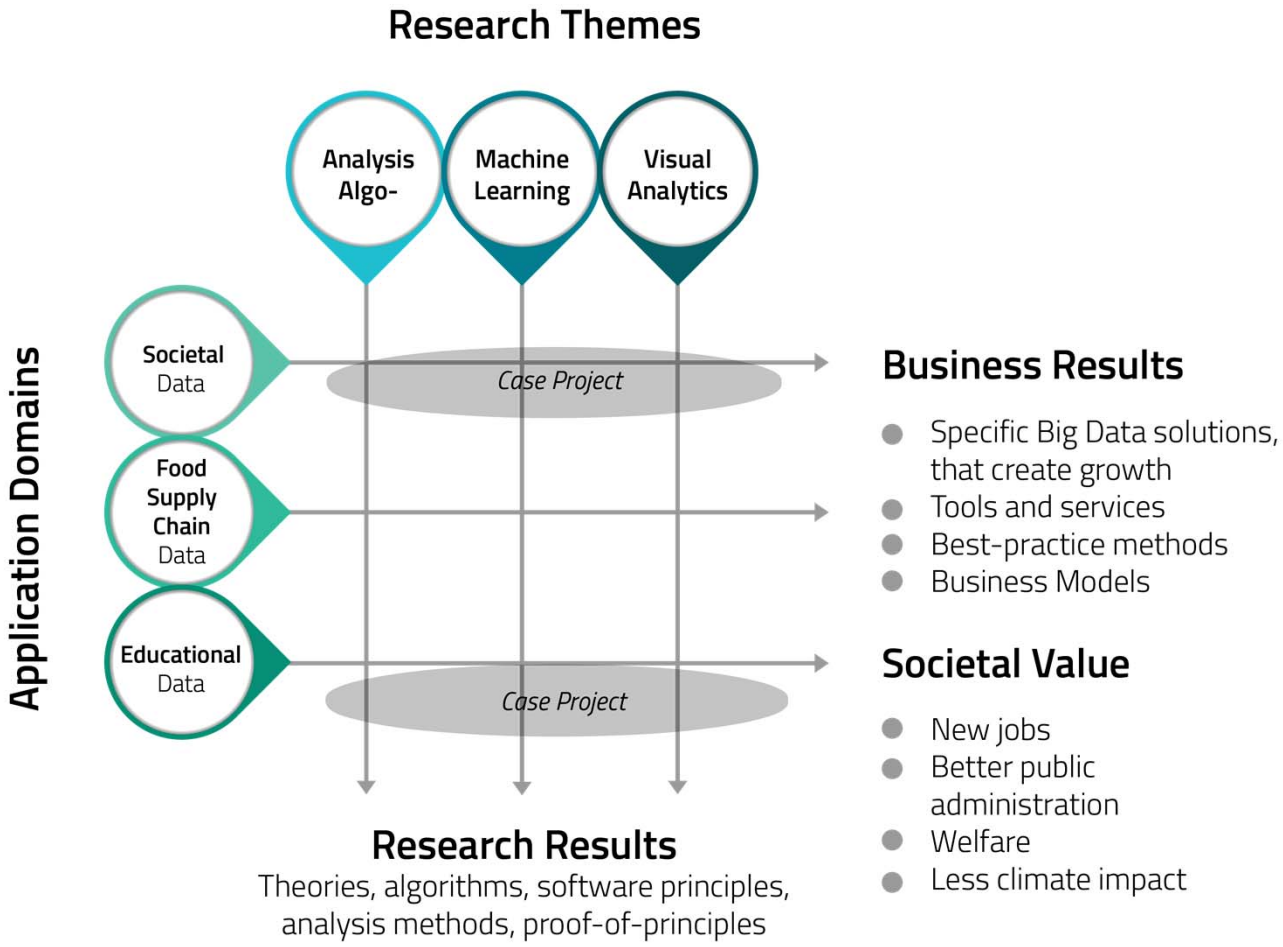
- **Huge potential** in exploitation of Big Data for society and business
  - Sensors, Internet-of-things, Internet traffic, etc. generates enormous amounts of data
  - Data has no value unless they are analyzed and transformed into value
  - This is the case for less than 3 %
  - Digitization including use of data and IoT is the main driver for welfare and growth in most areas
- The aim is to make **Denmark a pioneer** in exploiting the full potential of big data.
- The partnership will develop **general techniques and tools** for Big Data analytics to be applied within a broad range of domains.

Approach

- **Computer science Big Data analysis research and innovation at the core**
  - Big Data Analysis Algorithms
  - Machine Learning as a service
  - Interactive Visual Analytics as a Service
- **Driven by challenges and opportunities in domains of importance to Danish businesses and society**
  - Societal data
  - Food Supply Chain Data
  - Educational Data



Interplay between research and domain innovation



Business Results

- Specific Big Data solutions, that create growth
- Tools and services
- Best-practice methods
- Business Models

Societal Value

- New jobs
- Better public administration
- Welfare
- Less climate impact

Public-private partnership

- University of Copenhagen
- Technical University of Demark
- Aarhus University

- Systematic
- Visma
- Business Minds

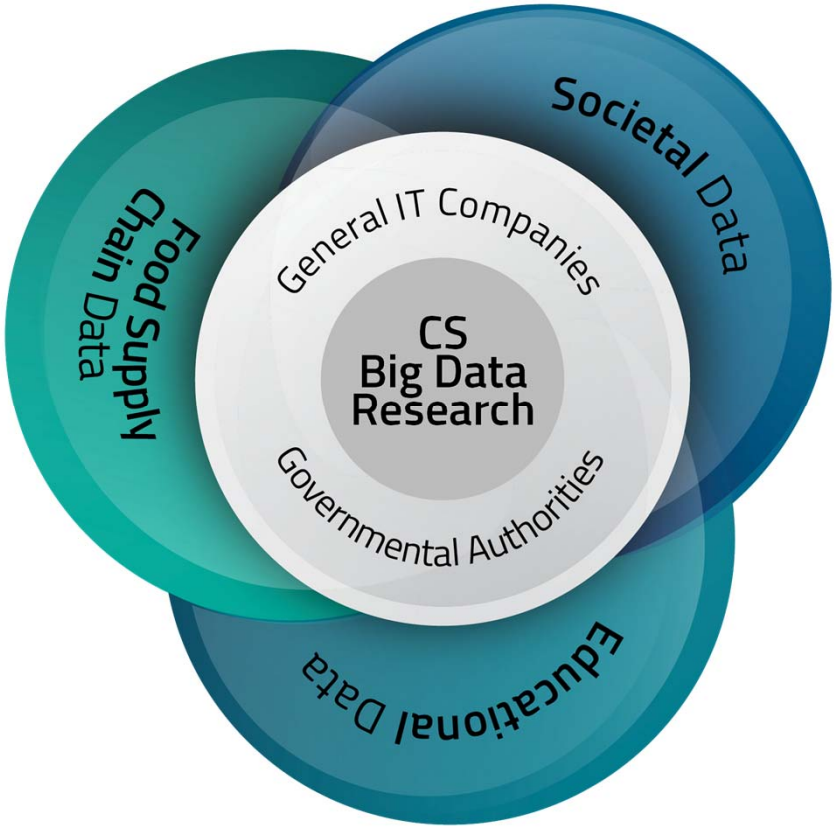
- The Danish Agency for Digitization
- Danish Business Authority
- Central Region Denmark

- Alexandra Institute

- Innovation Fund Denmark

Budget: 17 mio. EUR

Period: 2016 - 2019

Domain companies

- **Food Supply Chain Data**
  - Danish Crown, Seges, Skov
  - Skov, SvineVet
  - Natur- og erhvervsstyrelsen,
  - Fødevarestyrelsen
- **Educational Data**
  - Edulab, Lectio, MaCom
- **Societal data**
  - Scalgo, Alectia, Cowi,
  - Niras, DMI,
  - Styrelsen for dataforsyning og effektivisering