Business Intelligence

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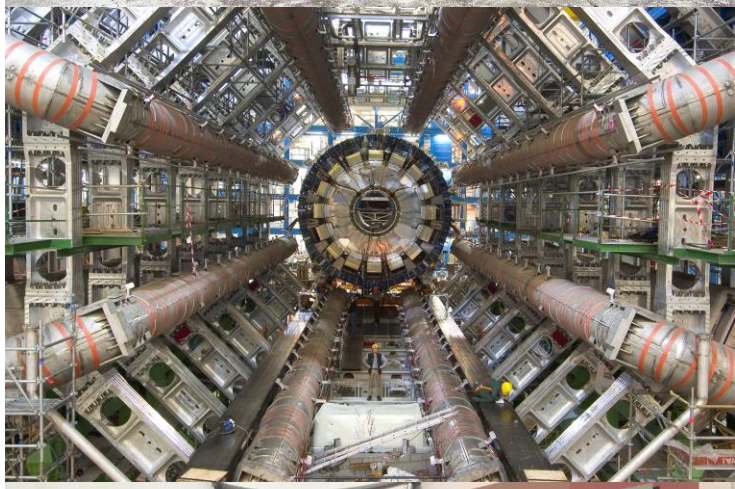
Lidt om mig

Anders Hammer Holm

Kandidat i Fysik, Københavns Universitet december 2015

BI Trainee 2016

BI Konsulent 2017 - nu



Lidt om Innofactor

- Approximately 600 Nordic professionals
- 15 enterprise-level Microsoft Gold and 1600+ Employee Microsoft Certificates
- 10+ Microsoft Most Valuable Professionals

- We serve more than 1500 Nordic Customers and have a broad industry and public sector digitalization experience and references

- Revenue EUR 66M (2017)
- Listed in NASDAQ Helsinki, 10,000+ shareholders

- We support our customers in the private, public and third sector to improve and modernize their services, operations and way of working

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Lidt om Innofactor

Organization today

Secure Cloud Platform

- Cloud Journey
- Cloud Infrastructure, Governance, Security & GDPR
- Identity & Access Management
- Enterprise Mobility & Security
- Managed Cloud Services

Productivity & Modern Employee Experience

- Quality Management
- Productivity & Workflow
- Digital Collaboration Solutions
- Modern Digital Adoption

Data driven Business

- Business Intelligence
- Master Data Management
- Advanced Analytics, Artificial Intelligence & Machine Learning
- Internet of Things
- Augmented Reality
- Web & mobile Apps

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Business Intelligence???

”at tilrettelægge og visualisere data, så virksomheder bliver klogere på dem selv”

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danbolig

SAMARBEJDER MED NORDEA

Innofactor kunde siden 2013

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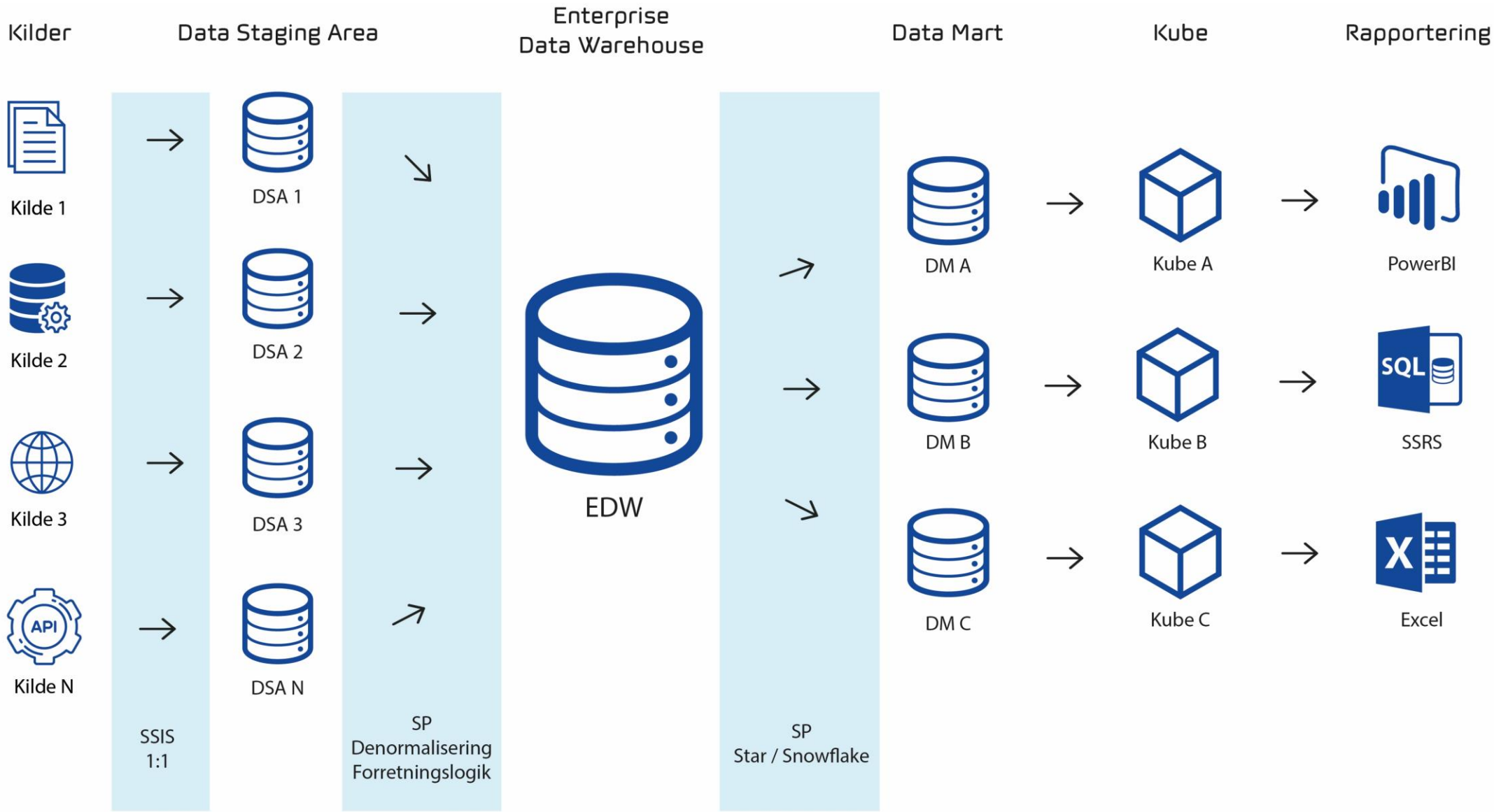
Kilder
Data Staging Area
Enterprise Data Warehouse
Data Mart
Kube
Rapportering
Kilde 1
Kilde 2
Kilde 3
API
Kilde N
DSA 1
DSA 2
DSA 3
DSA N
EDW
DM A
DM B
DM C
Kube A
Kube B
Kube C
PowerBI
SQL
SSRS
X
Excel
SSIS
1:1
SP
Denormalisering
Forretningslogik
SP
Star / Snowflake

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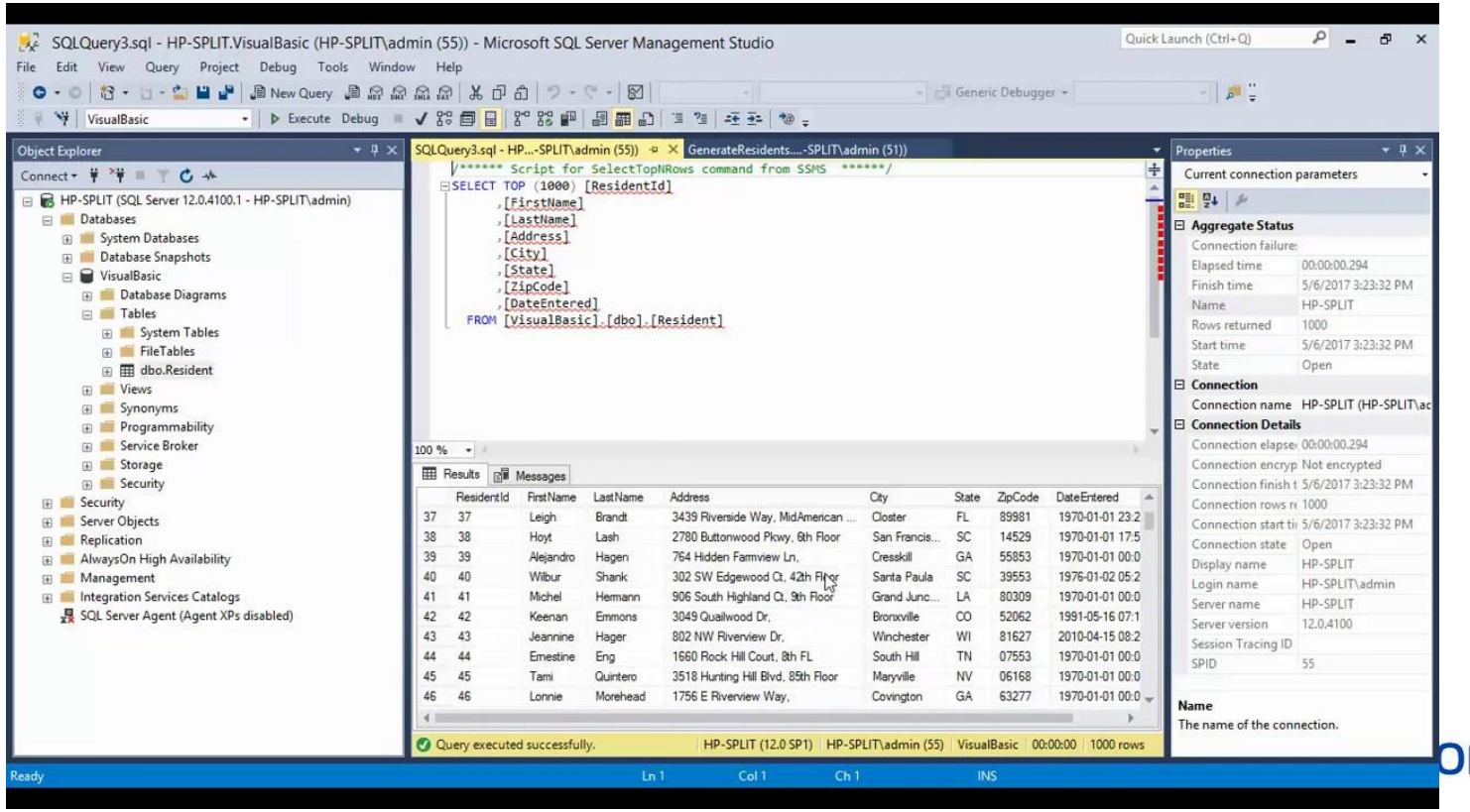
Værktøjer

Værktøjer

Kodesprog: Primært SQL, men også mere programspecifikke

SQL kan bruges til data manipulation, datastrukturer og datarettigheder

SQL Server Management Studio



Værktøjer

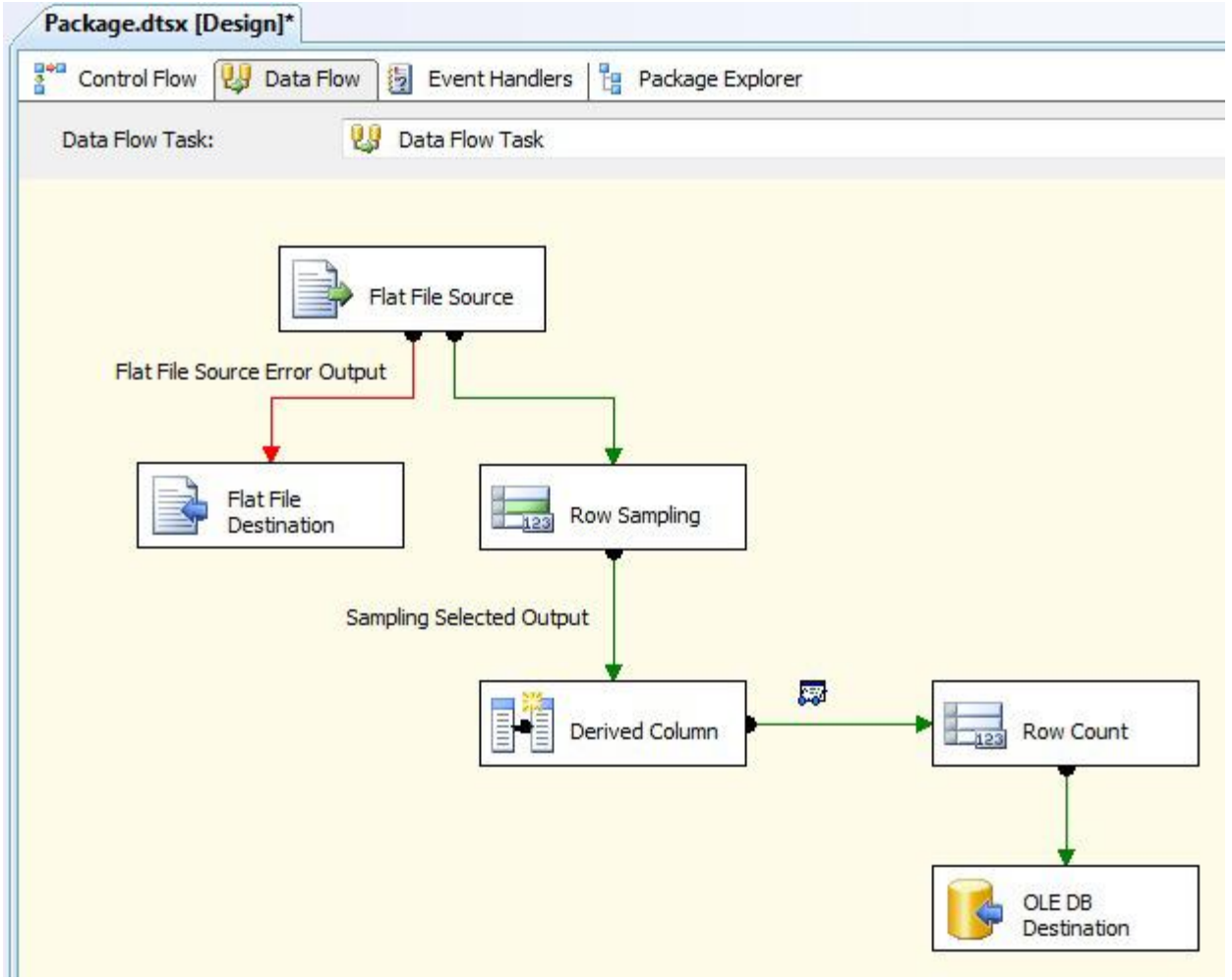
Visual Studio/ SQL Server Data Tools

Værktøjer

Visual Studio/ SQL Server Data Tools

Integration Services

Flytning af data, og automatisering af dette

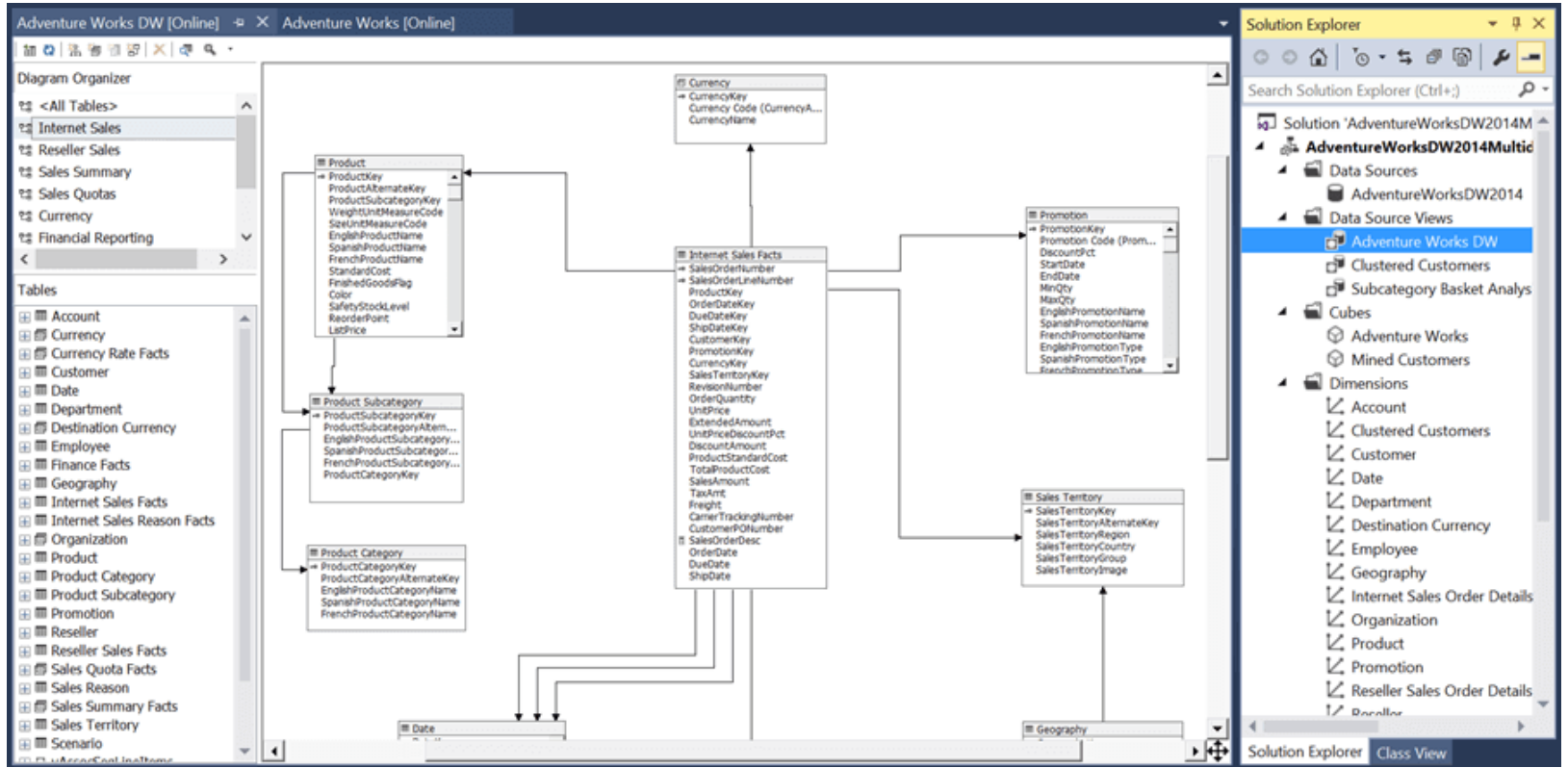


Værktøjer

Visual Studio/ SQL Server Data Tools

Analysis Services

Opbygning af datamodeller og måltal



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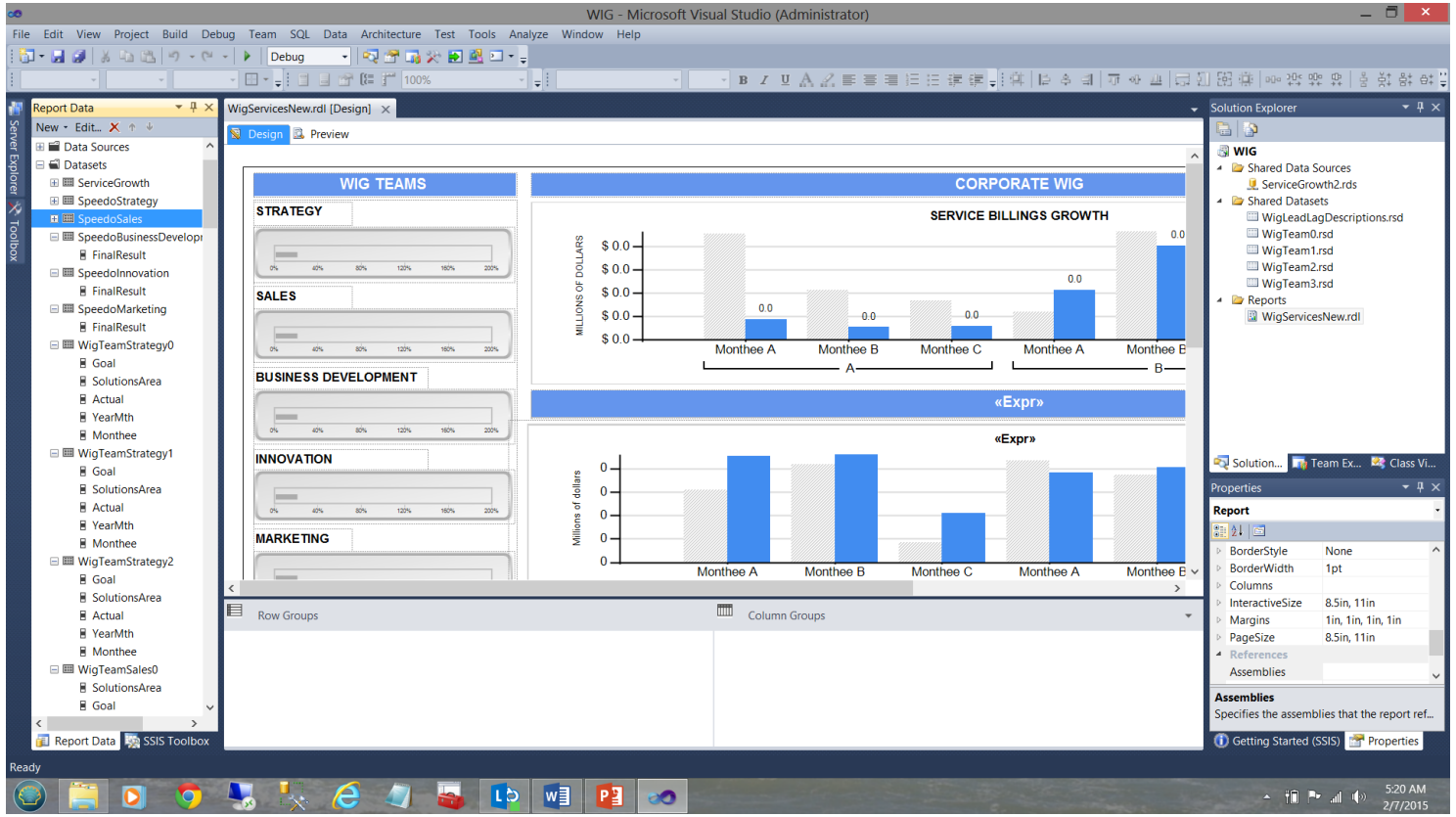
Værktøjer

Visual Studio/ SQL Server Data Tools



Reporting services + Power BI

Datavisualisering, herunder rapporter og dashboards

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Power BI demonstration

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A bit of **background** info before we get going:

We wish to investigate which country got the most medal points per 1M inhabitants

All medalists are in a spreadsheet and countries.

Medal points are defined as Gold = 3, Silver = 2 and Bronze = 1

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BI konsulenten

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Samarbejde med kunden

Kontaktpunkter

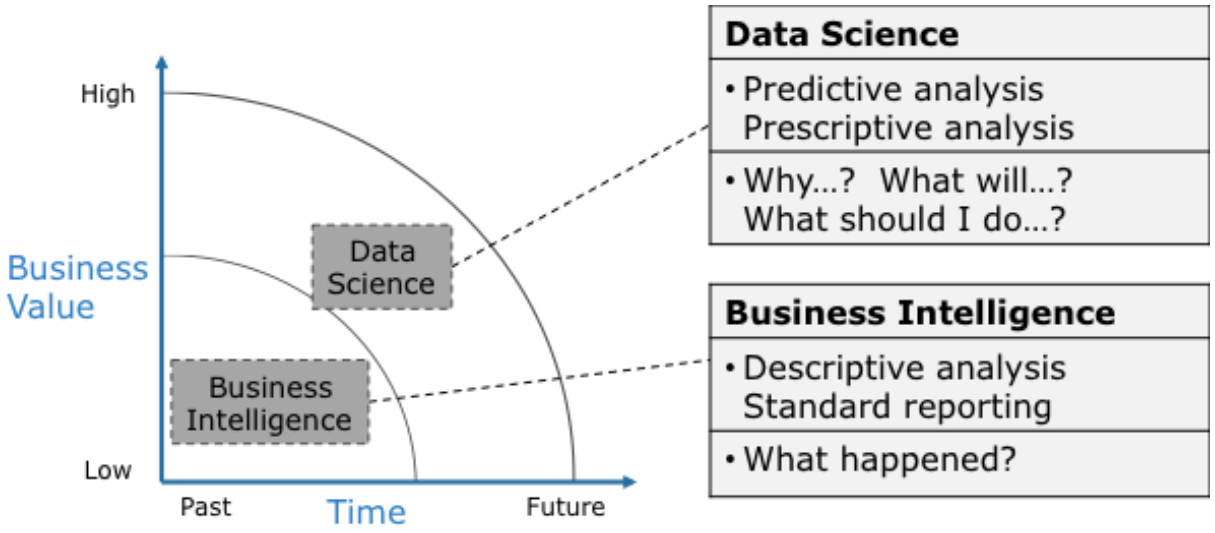
Mails, ticket system etc.

Teams internt

Projekter, support, tilpasninger

Relateret til BI

Data Science / Advanced analytics



Data Science
• Predictive analysis Prescriptive analysis
• Why…? What will…? What should I do…?

Business Intelligence
• Descriptive analysis Standard reporting
• What happened?

Cloud teknologi – Microsoft Azure

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Innofactor Talentprogram

Module 1 (September)
Intro program
Consulting Skills I
BI Basic
SQL Basic & SQL Stack intro
Visual studio
Start-up the certification journey

Module 2 (November-December)
Consulting Skills II
Creating reports in Power BI

Deadline Certification 767 (November)

Module 3 (February - April)
Consulting Skills III
Advanced Analytics
Data in Azure (Basic)
Case presentation end of April

Deadline Certification 768 (February)

ON THE JOB TRAINING & CERTIFICATIONS
Participating as a junior on different customer projects

EXAMPLE

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Spørgsmål?

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