

# Sebastian S. Andreasen, M.Sc. Eng.

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**Data Scientist | Project Manager | Data strategist | SAFe certified | Google Cloud Certified**

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Highly adaptable data scientist and project manager with a strong passion for leading and developing innovative, intelligent systems that drive business success. Skilled in building explainable data models, storytelling through data, and turning insights into actions. Experienced in digital and data strategy, problem-solving, and utilizing Python for data analysis and modeling. Passionate about life, learning, understanding human behavior and prototyping new ideas.

## Experience

### Deloitte Consulting, Copenhagen – Data Science Consultant, AI & Data department

1,5 years

- Reduced complexity significantly in meta data collection for the ministry of tax in Denmark by leading a cross-functional team of five to develop a meta data collection platform and integrating it into existing processes.
- Optimized workforce utilization for the ministry of tax by building a seq2seq model to predict the volume of manual tasks for caseworkers. The output of this model was used as an input in a larger forecasting model.
- Developed a strategy and roadmap, that is currently being implemented, for optimizing office utilization through IoT and data analysis for an organization with more than 23.000 people.
- Reduced total spending significantly on Covid-19 vaccines for the Danish health authorities during the pandemic by developing and implementing a data driven system for efficient Covid-19 vaccine tracking and distribution based on supply and demand.
- The distribution system was based on a four week PoC I built with a python backend and PowerBI frontend. I implemented the full scale system in six months. The system will be extended to include flu vaccines.
- Gained valuable knowledge on the cloud ecosystem markets, competition, how to scale and manage client pipelines as a representative for Deloitte Nordics in our collaboration with Google. Including a strong focus on stakeholder management and identifying new markets for Google Cloud Platform in the Nordics.
- Received internal funding to focus on GCP partnerships after building a GCP client pipeline tracker, which showcased the potential for Deloitte management.
- Engaged 100+ consultants across the Nordics in GCP as learning lead for Deloitte Nordics x Google Cloud focusing on getting consultants GCP certified.
- Presented at multiple conferences, social events and career fairs as talent attraction lead for data scientist and data engineers.
- Co-Founded internal, cross community forum for everyone interested in customer data platforms and customer analytics.
- Responsible for onboarding new data scientists into the DS practice in terms of ways of working, best practice python, internal cookiecutter, etc.

### Deloitte Consulting, Copenhagen – Business Data Analyst, AI & Data department

2 years

- Turned the strategy around for the largest horse racing track in Denmark by showcasing how bad weather does not significantly impact their earnings.
- Reduced manual labor for a Danish municipality significantly by developing and implementing a successful machine learning model using CatBoost and FastAPI for visitation of welfare services.
- Defined the strategy for OpenData.dk.
- Increased revenue by approximately 3 million \$ by building a rule based, decision engine to move data from a legacy system to a newer system and highlight poor quality data for a large, Danish organization.

### Technical University of Denmark (DTU), Lyngby – Teaching Assistant

5 years, part-time while studying for both my bachelor's and master's degree

- Received outstanding feedback on my methods of teaching at the Technical University of Denmark in courses with 20-100+ students.

**Sebastian S. Andreasen**

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**Authorized to work in the US**

- Developed valuable skills in communication, leadership, and critical thinking by instructing courses in management and organizational theory, problem solving, data analysis, and Python programming.
- Through teaching I learned to effectively convey complex ideas, facilitate group discussions, and provide constructive feedback on assignments and exams.

## Education

### **M.Sc. Engineering: Business Analytics (GPA: 10.5/12) - Technical University of Denmark (DTU), Copenhagen**

- M.Sc Engineering in Business Analytics and applied mathematics from Technical University of Denmark (DTU)
- Program combines mathematical courses in statistics, computer science, operations research, and management
- Strong focus on data analytics, machine learning and network theory
- Thesis in collaboration with UN and Facebook titled "Limits of digital data for modeling population movements: Identification of bias in location data for modeling the spread of diseases"
- The project identified how Facebook location data is biased towards regions with lower socioeconomic status.
- Received the highest possible mark for the thesis.

### **B.Sc. Engineering: Strategic Analysis and Systems Design (GPA: 9.0/12) - Technical University of Denmark (DTU), Copenhagen**

- B.Sc. in Strategic Analysis and Systems Design from Technical University of Denmark (DTU)
- Highly technical with strong focus on mathematics and computer science
- Program combines technical, mathematical, business, and social courses
- Designed to create a foundation for understanding how new technologies can be developed
- Additional focus on how technology can benefit society and create business opportunities.

### **Exchange semester - University of Adelaide, South Australia**

- Focus on Behavioral economics and sustainability
- Gained unique perspective on the role of human behavior in the economy

## Competencies

<b>Programming languages</b>	Python, Julia, R, MatLab, SQL
<b>SaaS</b>	PowerBI, Tableau, Bubble.io, Neo4j, Sharepoint
<b>Cloud</b>	Google Cloud Digital Leader Certified, Google Cloud Platform (Primarily Cloud storage, BigQuery)
<b>Project management</b>	Certified SAFe 5 Agilist by Scaled Agile, Jira
<b>Personality and leisure activities</b>	My core values are integrity, honesty, and passion. I am purpose driven, a self-starter and natural leader with a very strong analytical mindset. I enjoy surfing, Kitesurfing, skiing, hiking, weightlifting, traveling, meeting new cultures, and learning.

## References

- Michael Winther, Partner, AI & Data, Deloitte Consulting, [mwinther@deloitte.dk](mailto:mwinther@deloitte.dk)
- Marianne Horsager, Senior Manager, People Lead, AI & Data, Deloitte Consulting, [mhorsager@deloitte.dk](mailto:mhorsager@deloitte.dk)
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