

# Welcome to FANS Network Meeting

## Analytics 11. March

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## The agenda

- 14.10 - 14.40 Hva er nytt i Viya 2020/2021 på tvers av den analytiske livssyklusen!

*Presentasjonen holdes av Jonas Lie-Nielsen, SAS Institute.*

- 14.40 - 15.10 Bruke simulerte data for å sikre at modellene dine er “riktige” eller etiske.

*Presentasjonen holdes av Pål Navestad, ConocoPhillips.*

- 15.20 - 15.50 Supervised learning vs unsupervised learning:

*The presentation is held by Nilma De-Wit, SAS Institute (in english).*

- 15.50 - 16.20 Anvendt tidsserianalyse med SAS Econometrics

*Presentasjonen holdes av Ina Conrado, SAS Institute.*

- 16.25 - 16.55 Introduction to optimization

*The presentation is held by Rune Hjorth Nielsen, SAS Institute.*

- 16.55 - 17.00 Hva ønsker dere på neste nettverksmøtet?

# FANS Network Meeting & Platform Overview

- 10/2 FANS | VA Teams 14-17
- 11/2 FANS | Programming Teams 14-17
- 16/2 FANS | Customer Intelligence Teams 9-11
- 2/3 FANS | Data Science (Nordic) Teams 9-12
- 9/3 FANS | CI (Nordic) Teams 9-11
- 9/3 FANS | Intro. til CI (Nordic) Teams 13-14
- 10/3 FANS | Platform Teams 14-17
- 11/3 FANS | Analytics Teams 14-17
- 25/3 SAS | Platform Overview Teams 14-17
- 6/5 FANS | Cross Topics Teams 14-17
- 2/6 FANS | Data Science (Nordic) Teams 9-12
- 2/6 FANS | Cross Topics Stavanger 14-17
- 9/6 FANS | Cross Topics Trondheim 14-17
- 10/6 FANS | Cross Topics Tromsø 14-17

[LINK](#)



# FANS board Norway

2019-2020

- Chairman of the board:
  - Nils Erik Fossum, Posten Norge
- Members of the board:
  - Viggo Skar, Oslo universitetssykehus
  - Hans de Wit, Telenor Norge
  - Anne Wingo, EnterCard
- Deputy:
  - Tore Borge, Storebrand
- Representatives from SAS Institute:
  - Pia Rønnevik (alt. Petter Dybvig/Vegard Hansen)
- Operating partner, SAS Institute:
  - Bettina Stibolt
  - Kaja Emilie Stræte

[www.sas.com/fans](http://www.sas.com/fans)

# Ask the Expert:

Nordic and  
Global Webinars

## Nordic Topics:

- 7/4: What SAS 9.4 content can be migrated to SAS Viya?
- 28/4: Quick Wins with Azure
- 26/5: Version control in SAS
- 16/6: An introduction to Proc DS2
- On-demand: Ease of building stand-alone machine vision devices

[Link to Ask the Expert](#)

# Meet the Expert

Book a 30-minute 1:1 session with a SAS Expert

## Topics:

- SAS Code - Trouble-shooting & Optimising
- SAS Visual Analytics 8.5
- CAS Programming in SAS Viya
- SAS 9 Administration
- SAS Data Management and DI Studio
- SAS Enterprise Guide
- SAS Studio
- SAS Analytics, AI and Machine Learning
- SAS Grid - Architecture & Administration

[Learn more and register](#)



# Don't miss out – stay updated!

[SAS-L](#), in-depth discussions online.

[SASENSEI](#), an online game where you get to test your SAS knowledge.

[SAS Bowl](#), 30 min. online game on a specific theme each time.

[Blogs](#), a great way to stay up to date on various fields.

Github, where you can find SAS code that people share. Recommend [Roger DeAngelis](#).

Articles about SAS can be found on [Lexjansen](#)

[SAS Global Support Community](#) & [SAS Nordic Communities](#), here you can ask questions and participate in discussions.

# SAS® Global Forum

Registration will open in April

Americas | May 18 - 20

Asia Pacific | May 19 - 20

EMEA | May 25 - 26

[Keep yourself updated on this page!](#)

- Keynote speakers
- Live entertainment
- NEW! Network with SAS experts and peers alike.
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- Demos



FORBES ONLINE CONFERENCE

# ARTIFICIAL INTELLIGENCE & ETHICS MANDATE

In cooperation with

## ARTIFICIAL INTELLIGENCE & THE ETHICS MANDATE

- In cooperation with SAS
- Tuesday, March 16, 2021 |  
11.00-12.30 CET

[Register now](#)



# SAS® ANALYTICS EXPLORERS



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# SAS Academic Programs

[https://www.sas.com/no\\_no/learn/academic-programs.html](https://www.sas.com/no_no/learn/academic-programs.html)

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# SAS Academic Programs

## Bridging the analytics talent gap



SAS Resources for Teaching and Learning Provided to Faculty



Build SAS Skill and Usage Among Students



Connect Students with SAS Customers



Connect student and  
SAS customer

# SAS Internship 2021

## Join our team in SAS Institute



### What is SAS Internship Program?

- Internship period of (least) 10 weeks – start no later than week 34 and end by week 42.
- Students should work with issues that have both academic and industrial relevance and include components of SAS Software.
- Fulltime (100%) - this is a mandatory practice period in the study.
- As part of the study, students will summarize the results after completing the Internship - practice report with presentation.
- No salary is expected for the students.
- Qualifications:
  - **Completed at least one SAS e-learning course through SAS Software Certified Young Professionals (SCYP).**
  - Have an analytical mindset and are a passionate problem solver.
  - Curious about technology, analytics and how things work.
  - Ready to tackle difficult challenges, Service-minded and able to deliver excellent customer service with confidence.
  - Willing to ask for help and share knowledge, willing to learn new things and can work both independently and goal-oriented and be part of a team.
  - Since you probably will be working with clients it is important that you are outgoing and business-focused

### SAS involvement, obligations and responsibilities

- Part of the collaboration with the MSc Business Analytics program at BI Business School in Oslo
- The students must be part of SAS' daily work and work with real projects, tasks and cases that provide or can show value.
- Find tasks / projects / cases together with you as customers and partners
  - Which motivates the students,
  - give them a good work experience and experience,
  - which at the same time has value both for you and for us
- It is SAS that enters into an agreement, with a 'Learning Contract' - agreement between BI, the Students and XX.
- Provide the necessary training and follow-up of the students along the way, in the form of courses, access to mentors and the like.
- Arrange administratively for the Internship period
- We imagine that the students work in teams - in pairs - with one mentor per team.





# Internship 2020



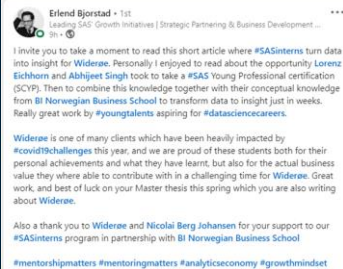
- 10 weeks Internships from mid-August
- Working in 3 different use-cases for 3 different clients/customers:



- All use-cases was qualified and seen as important for SAS and for the clients
  - They brought value to both our clients and SAS
- Modern technologies – Not solving “old problems”
- Part of the “SAS family”

## Dette lærte vi om dataanalyse på praksisplass

Seks studenter fra Handelshøyskolen BI fullførte nyttig ti ukers praksisperiode hos SAS Institute som en del av masterstudiet i Business Analytics. Her deler de lærdommen om dataanalyse og forretnings etter å ha jobbet med kundene Widerøe, Altibox og Norges Fotballforbund.



From theory to practice: Our journey as interns at SAS Institute – as analytics consultants

### Before the Internship Started

We are BI Norwegian Business School students of MSc in Business Analytics with a deep passion for data-driven analytics. What we love about data science is the journey towards achieving three significant kinds of results: discovery, insight, and innovation. Data science has been an interdisciplinary field about processes and systems to extract knowledge or insights from data in various forms, either structured or unstructured, which is a continuation of some of the data analysis fields such as statistics, machine learning, data mining, and predictive analytics. Still, without the expertise of professionals who turn cutting-edge technology into actionable insights, Big Data is nothing. Now, more and more organizations are opening up their doors to big data and unlocking its potential—increasing the value of a data scientist who knows how to tease actionable insights out of gigabytes of data.

### The Connection between academia and industry

Being Business Analytics students at BI, we had an opportunity to get SAS Software Certification Young Professionals (SAS SCYP) and then also to complete an internship at SAS Institute – the leader in analytics – and to work closely with their client Widerøe, the largest regional airline operating in the Nordic countries.

We were placed under the customer advisory department as Junior Analytics Consultants in Norway. The department is responsible for helping potential clients of SAS in determining which type of software package is best suited for them and also demonstrating the use of software in a use case.

### Viktige lærdommer fra min dataanalyse praksis hos SAS

Over en periode på 10 uker, fra midten av august, hadde jeg den fantastiske muligheten til å være en del av SAS Institute Norway som en av deres analytics intern.

Dette var en stor mulighet til å tilegne seg viktig lærdom og nye erfaringer, og utbyttet overgikk forventningene. Denne erfaringen og muligheten ville jeg ikke hatt foruten om det akademiske samarbeidet mellom Handelshøyskolen BI og SAS Institute, og ikke minst imtansen lagt inn av Vegard Hansen og hans team i SAS. Den første innkasseringen på hvordan internshipsipet ville utforme seg, ville også vise seg å være noe av hva jeg verdsette mest; gjennomførelsen og arbeidet som var lagt ned i forkant som gjorde hele opplevelsen flytende og behagelig.

### Mitt prosjekt

Prosjektet jeg ble tildelt var et proof-of-value prosjekt for Norges Fotballforbund (NFF). NFF har en egen avdeling for breddefotballen, som ønsket å ta deres analyser til det neste nivået. I Norge er breddefotballen et stort tema hvor stadig nye artikler blir skrevet og diskusjoner formet – så naturligvis baserte prosjektet seg på noe som er nærliggende for mange. Som en stor fotballentusiast selv, var det en glede å være involvert i prosjektet hvor vi bygget bro mellom SAS' analytiske evner og NFF's ønske om å maksimere deltakelse innenfor breddefotballen.

For at en skal lykkes er det viktig med støttespillere og et nettverk rundt seg, noe som fort viste seg å være en del av SAS kulturen. Gjennom å tilegne oss mentor og sette oss på et team med representanter fra ulike avdelinger erfarte vi arbeidet som reelt og viktig, og ikke «bare et internship».

# You find stories out there....

- Dette lærte vi om dataanalyse på praksisplass - [Digi.no](#)
- MSc students making real impact on lives and business' with SAS Analytics - [Erlend Bjorstad](#)
- My Data Analytics Internship Experience at SAS Norway - [Kashmeel Bisseru](#)
- Digitale kundeopplevelser - [Marius Karlsen](#)
- Creating personalized digital customer experiences - [Juan Manuel Ruiz Acosta](#)
- Lærdommer fra min dataanalyse praksis hos SAS - [Joakim Martinsen](#)
- From theory to practice: Our journey as interns at SAS Institute – as analytics consultants - [Lorenz Eichorn & Abhijeet Singh](#)

# Why partnering with SAS for Internship?



- Access to young talents that can help you start solving projects or use cases
- An onboarding process where SAS invests in the competence building depending on project or use case
- A flexible and cost-effective way to introduce and test young talent with SAS expertise
- Possibilities after Internship period – continue collaboration with the students:
  - Master thesis
  - Part-time position
  - Recruitment into the company
- Helping bridging the GAP between Academia and the industry



Connect student and  
SAS customer





# Questions?

#learnsas

#SCYP

#lifelonglearner



#securethefuture

#sassoftware

#weareallacademics

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