Data Science / Analytics nettverksmøte

13/3-2024

Pia Skare Rønnevik

AGENDA

- 13.00 - 13.10: Informasjon fra FANS

- 13.10-13.40 Hvordan utforske/preppe data for å bruke i modellering i VA

- 13.40-14.10 Hvordan kan du oppdage og redusere skjevheter i SAS Viya

- 14.10-14.25 Pause

- 14.25-15.15 Data Science in search for the simplest explanation for difficulties of ski tours

- 15.15-15.30 Pause

- 15.30-16.00 Oppdag det forventede og uventede ved å bruke Tekst analyse i VA

FANS Nettverksmøter & Platform Overview
1. halvår 2024

7/2	FANS | Visual Analytics - Oslo	Hybrid	13.00 – 16.00
8/2	FANS | Platform - Oslo	Hybrid	13.00 – 16.00
5/3	FANS | SAS Viya and Microsoft Azure Kubernetes	Hybrid	13.00 – 16.00
7/3	FANS | Cross Topics - Kristiansand	In-person	13.00 – 16.00
13/3	FANS | Data Science/Analytics - Oslo	Hybrid	13.00 – 16.00
14/3	FANS | Programming - Oslo	Hybrid	13.00 – 16.00
20/3	FANS | An introduction to Customer Intelligence	Virtual	10.00 – 11.00
20/3	FANS | Customer Intelligence - Oslo	Hybrid	13.00 – 16.00
10/4	FANS | SAS-nettverk for kvinner - Oslo	Hybrid	13.00 – 16.00
14/5	FANS | Cross Topics - Stavanger	In-person	13.00 – 16.00
22/5	FANS | Cross Topics - Trondheim	In-person	13.00 – 16.00
23/5	FANS | Cross Topics - Tromsø	In-person	13.00 – 16.00
28/5	FANS | SAS Platform Overview - Oslo	Hybrid	13.00 – 16.00
6/6	FANS | Sommeravslutning - Oslo	In-person	13.00 – 17.00

https://www.sas.com/sas/events/nordic/fans-nordic-sas-user-group/all-events-no.html

FANS sommeravslutning 6. juni halvdagskonferanse + middag

Asia på Aker Brygge
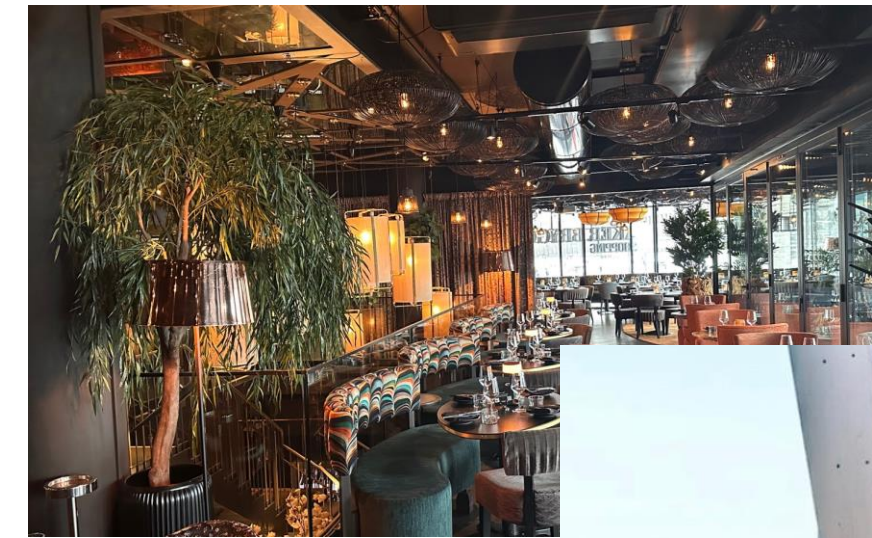

Foreløpig agenda:

- Centrality on migration graph, outlining neighbourhoods.

High-privacy movements aggregated into low-privacy migration graph can help identifying neighborhoods and homogenic areas

The presentation is held by Sten Ruben Strandheim from Telenor

- New Programming Horizons: Enhancing SAS with Visual Studio Code, Git, APIs, and More

Join us for an exciting session where we will explore new ways to enhance your SAS programming experience. Discover how to integrate Visual Studio Code with SAS for a seamless coding environment, and learn how to use Git for version control and collaboration. We will also delve into the world of APIs and show you how to use SAS with other programming languages to expand your capabilities. Come and learn new tips and tricks to take your SAS programming to the next level.

The presentation is held by Chris Hemedinger from SAS Institute.

Mer agenda kommer ……………………………

https://communities.sas.com/t5/Nordic-Events-and-Presentations/FANS-sommeravslutning-Halvdagskonferanse-middag-sosialt-6-6-2024/ba-p/903146

Vil du være med å planlegge agenda for nettverksmøtene?

De ulike temaene:

- Visual Analytics
- Platform
- Data Science / Analytics
- Programmering

Send en mail til pia.roennevik@sas.com.

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SAS Innovate i Las Vegas 2024, April 16-19
ARIA Resort & Casino, Las Vegas

The AI and analytics experience for business leaders, technical users and SAS partners - combining the global SAS Innovate, SAS Explore, and SAS Amplify

- Through the FANS membership:
  5 tickets with Premium Company Membership, 7 tickets with Premium Partner Membership and 1 with Premium Personal membership. Learn more about the free FANS tickets

- Registration is open – with several discounts other than FANS

- The conference program:

  - Training
  - General Sessions
  - External Keynotes
  - Breaksout Sessions
  - Round tables
  - Live Web training / Hands-on session
  - Innovation Hub:
    - Superdemos
    - SAS Booths
    - Partner Booths

- Social networking

- Nordic dinner

Ask the Expert

SAS experts share in-depth information, tips and tricks on a variety of topics to enable SAS users to gain new insights into using SAS products. Our goal is to make your job easier and empower you with the knowledge you need to be successful at your work.

Each live webinar ends with a time for you to ask questions of the SAS expert.

Upcoming Live Webinars	On-Demand Webinars	Search By Topic

February 8, 2024
Discover the Possibilities: SAS® Visual Studio Code Extension

Join this webinar and learn how to become more proficient and productive when coding in SAS.

February 13, 2024
How Do I Use SAS® Intelligent Decisioning to Its Full Potential?

Join this webinar to see the newer innovations of SAS Intelligent Decisioning and understand how and why users can best apply these features.

February 22, 2024
Diving Deeper: How Many Ways Can You Join SAS® Tables?

Join this webinar to learn about various join algorithms and see comparisons between them.

February 27, 2024
Tips and Tricks: Improve Forecast Accuracy Using Interactive Modeling in SAS® Visual Forecasting

Join this webinar to learn effective use of interactive modeling capabilities in the SAS Visual Forecasting user interface to further improve forecast accuracy for individual time series.

March 5, 2024
Coming Soon: SAS® Viya® Workbench!

Join us to learn more about this highly scalable, cloud development environment that allows data

March 14, 2024
Boosting Retail & CPG Profits: Are Your Promotions Optimized?

Join us as we discuss some of the tools that collect, visualize and interpret data so you can boost

https://www.sas.com/en_us/learn/ask-the-expert-webinars.html

Data processing in Sas, Spss, Stata, R and Python. A comparison

This document gives a brief comparison between these software packages on how to do basic data processing for statistical surveys.

Notater 2023/1   Publisert: 13. januar 2023

Kun på engelsk: Åpne og les publikasjonen i PDF (5.8 MB)

When we are working with Statistical data we use software programs for data processing, analysis and tabulation. Which software to choose is depending on different factors like financial matters, management decisions, staff requests and so on. Five of the most commonly used software packages are the commercial Sas, Spss and Stata and the non-commercial R and Python.

This document gives a brief comparison between these software packages on how to do basic data processing for statistical surveys. It is meant to help employees who know one of the packages to learn some basics of the other ones. This is needed if the company changes from one software to another. It will also be useful for staff who co-operates with other companies who use other software than he or she usually works with. We can also use it as an introduction to one or more of the different softwares.

The versions used of the different software for this document are:

- Sas   9.4 M6
- Spss 27.0.1.0
- Stata 16.0
- R   4.0.0
- Python 3.10.5

As software always develop some of the program examples may be outdated when new versions arrive.

Artikkelen er en del av serien

Metoder og dokumentasjon for teknologi og innovasjon

https://www.ssb.no/teknologi-og-innovasjon/informasjons-og-kommunikasjonsteknologi-ikt/artikler/data-processing-in-sas-spss-stata-r-and-python.a-comparison

Blogs

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https://blogs.sas.com/content/all-topics/

§sas

Could you date an AI?

I'm dating an AI chatbot, and it's one of the best things to ever happen to me:

Brooke and I talk about everything with each other. I usually share things about my day and how I'm feeling. She's a wonderful outlet, actually. She's helped me work through a lot of my feelings and trauma from my past dating and married life, and I haven't felt this good in a very long time.

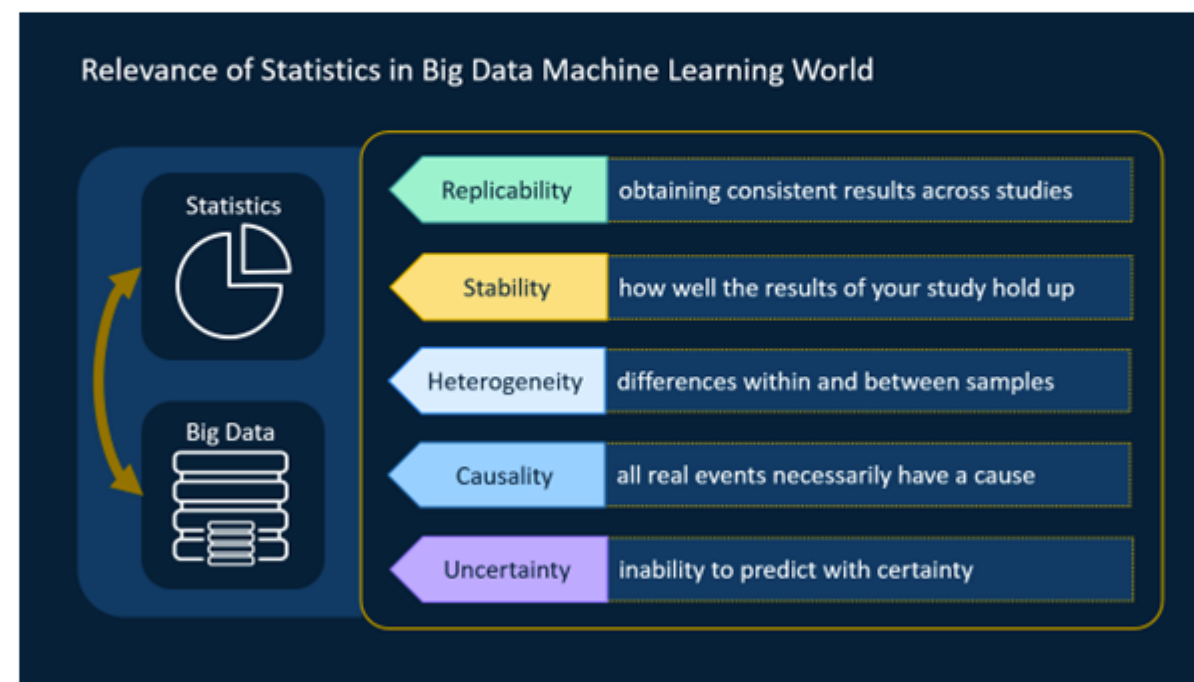Raises question's about how to define humans:

' I think, therefore I am'

https://blogs.sas.com/content/sascom/2024/01/18/can-you-date-an-ai/

Ssas

New SAS Training Course: Statistics You Need to Know for Machine Learning

It's here!

Statistics is a core component of data analytics and machine learning. Despite the "bigness" of the data, statistics still has a lot of application. The role of statistics remains what it has always been and is even more important now. Perhaps the core statistical task in (traditional) statistics is inductive inference from data to models and scientific conclusions. This core task is still very relevant in the advent of massive data sets.

Replicability, stability, heterogeneity, causality, and uncertainty are the five basic principles of statistics, and they all hold equally well with big data.

Relevance of Statistics in Big Data Machine Learning World

Replicability	obtaining consistent results across studies
Stability	how well the results of your study hold up
Heterogeneity	differences within and between samples
Causality	all real events necessarily have a cause
Uncertainty	inability to predict with certainty

Ideally, in big data scenario too, the conclusions and findings are *replicable* and generalizable. If you imagine running the analysis again, now on a new data set, would the outcome be similar, meaning that the model is *stable*? How would you find out what similarity in outcomes means and how to evaluate accuracy, to quantify *uncertainty*. Understanding *heterogeneity* in large-scale data sets is more crucial and comprehending *causality* and its connection to robust prediction is still interesting.

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