

Programmerings nettverksmøte

16. Mars

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&
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AGENDA

- **13.00 - 13.10 FANS informasjon**
- **13.10 - 13.30 Mer moro med SAS-funksjoner**
- **13.30 - 14.00 Bruk av VS code mot SAS med sas extension til VS code og git**
- **14.15 - 14.45 Lage Custome Steps i SAS Studio som baseres på CAS actions**
- **14.45 - 15.15 SAS Viya REST API's : Bruke proc http for å se hvilke tabeller som er brukt i ulike rapporter og hvilke kalkulerte/aggregerte elementer som er i rapportene (datagrunnlag for Lineage)**
- **15.25 - 15.55 Tips og triks i Enterprise guide**

FANS Network Meeting & Platform Overview – 1. half year 2023

| | | | |
|------|---|-----------|---------------|
| 18/1 | FANS Application development - Oslo | Hybrid | 12.30 – 16.30 |
| 25/1 | FANS Artificial Intelligence - Oslo | In-person | 13.00 – 16.00 |
| 8/2 | FANS Visual Analytics - Oslo | Hybrid | 13.00 – 16.00 |
| 9/2 | FANS Platform - Oslo | Hybrid | 13.00 – 16.00 |
| 15/2 | FANS SAS Platform Overview - Oslo | Hybrid | 13.00 – 16.00 |
| 14/3 | FANS SAS Viya and Microsoft Azure Kubernetes | Hybrid | 13.00 – 16.00 |
| 15/3 | FANS Analytics - Oslo | Hybrid | 13.00 – 16.00 |
| 16/3 | FANS Programming - Oslo | Hybrid | 13.00 – 16.00 |
| 25/4 | FANS An introduction to Customer Intelligence | Virtual | 10.00 – 11.00 |
| 25/4 | FANS Customer Intelligence - Oslo | Hybrid | 13.00 – 15.00 |
| 4/5 | FANS Cross Topics - Stavanger | In-person | 13.00 – 16.00 |
| 10/5 | FANS Cross Topics - Trondheim | In-person | 13.00 – 16.00 |
| 11/5 | FANS Cross Topics - Tromsø | In-person | 13.00 – 16.00 |
| 24/5 | FANS SAS Platform Overview - Oslo | Hybrid | 13.00 – 16.00 |
| 7/6 | FANS Sommeravslutning - Oslo | In-person | 13.00 – 17.00 |

Outpace Tomorrow

TODAY

30. March

Create a better tomorrow TODAY, by learning from an assemble of SAS® users



- 10.30-11.00: Everyone's an Analyst – driving value through data democratization, ved [Nikolai C. Perminow](#) fra Telenor.
- 11.00-11.30: SAS Viya with Singlestore - the SAS vision and early experiences from the Norwegian Post, ved Frode Kaliussen fra Posten/Bring og [Jonas Lie-Nielsen](#) fra SAS.
- 13.00-13.45: Lunsj
- 14.00 – 14.30: Produktlønnsomhet; hvordan og hvorfor – SAS CPM i Telenor, ved [Jarl Fellinghaug](#) i Telenor.
- 14.30-15.00: Hvordan sikre at nord-norske pasienter får innfridd sine pasientrettigheter? , ved Trine Storjord fra UNN.
- 15.30-16.00: How can ChatGPT & OpenAI's models help your SAS projects, ved [Emilie Lundblad](#) fra Amesto NextBridge.
- 16.00-16.30: Den analytiske livssyklusen på SAS Viya 3.5 med Norgesgruppen, ved [Steinar Helstrup](#) fra Norgesgruppen.
- 16.30-17.00: Møt SAS eksperter + demo'er.
- 17.00-20.00: Mingling med mat og drikke

After the expert sessions there will be food and drinks at our office.

SAS EXPLORER

SAS EXPLORE

SEPTEMBER 11-14 // LAS VEGAS



SAVE THE DATE FOR SAS EXPLORE 2023

https://explore.sas.com/event/33f11b50-88c8-4525-ad70-86a5b527d441/summary?RefId=PLN7889_1155499813

What is Cortex?

www.sas.com/cortex

- Online Analytics Simulation Game
- Each game includes case study, dataset, leaderboard, tutorials, SAS software and SAS Instructor time
- Available game scenarios:
 - Fundraising
 - Customer Retention
 - Credit Risk

Game Timeline

| | |
|--|----------------------|
| Kick-off | Apr. 17, 15.00-16.00 |
| Office Hours: Principles of Supervised Learning Methods: Round 1 | Apr. 19, 15.00-16.00 |
| Office Hours: Advanced Supervised Learning Methods: Round 2 | Apr. 20, 15.00-16.00 |
| Office Hours: Open Q&A | Apr. 24, 15.00-16.00 |
| Office Hours: Open Q&A | Apr. 26, 15.00-16.00 |
| Competition Ends | Apr. 27 |
| Feedback Session and Open Discussion | Apr. 28, 13.00-14.00 |

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- Structured along the Data Analytics lifecycle, we'll share hidden gems that will save you time.
- To become a Data Ninja we'll share hidden gems that will save you time:

1. What's new with SAS Programming?

2. Latest programming interfaces & tricks.

3. Data Import tips & techniques.

4. Data preparation best practices.

5. SAS Processing & Code optimisation.

6. Integration with Open Source.

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<https://www.sas.com/sas/offers/choose-your-sas-journey.html>

Julietip #23 - Have you tested out the popular ChatGPT yet? Ask it to help with your SAS programming!

A

Show me in sas programming how to convert two character variables to numeric variables



To convert character variables to numeric variables in SAS, you can use the ``INPUT`` function.  
The ``INPUT`` function reads a value that is in character format and converts it to numeric format.

Here is an example of how to use the ``INPUT`` function to convert a character variable to a numeric variable:

```
data example;
  input char_var $;
  num_var = input(char_var, 8.);
run;
```

 Copy code

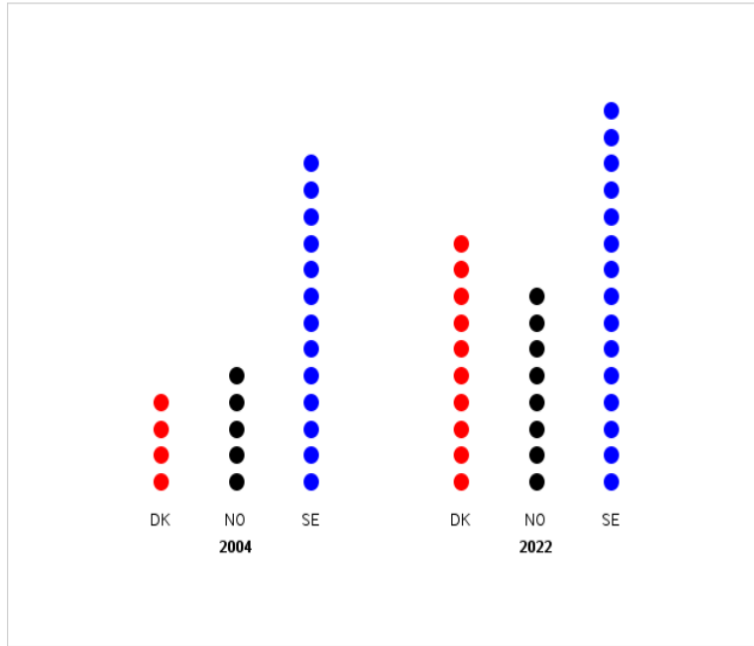
In this example, ``char_var`` is a character variable, and ``num_var`` is a numeric variable. The ``input`` function reads the value of ``char_var`` and converts it to a numeric value, which is then assigned to ``num_var``. The ``8.`` tells SAS to expect the character value to be a numeric value with a period as the decimal separator.

<https://openai.com/blog/chatgpt/>



Fun With SAS ODS Graphics: Knockoff of Viz 41 (dot plot) from "1 dataset 100 visualizations" project

Posted yesterday (172 views)



<https://communities.sas.com/t5/Graphics-Programming/Fun-With-SAS-ODS-Graphics-Knockoff-of-Viz-41-dot-plot-from-quot/m-p/862413>

Youtube video's about macro/sql

- **MACROs in SAS | SAS MACROs All in One | MACRO Programming in SAS Complete Tutorial:**

https://www.youtube.com/watch?v=i4hu1b9r_Qw

- **SAS Tutorial | How to Create Macro Variables and Use Macro Functions:**

<https://www.youtube.com/watch?v=ODq6V69IX2Y>

- **SAS Tutorial | Using SAS Macro Variable Lists to Create Dynamic Data-Driven Programs:**

<https://www.youtube.com/watch?v=fFfxPqNzNJc>

- **SAS Tutorial | 3 Steps to Build a SAS Macro Program:**

https://www.youtube.com/watch?v=Fe_EfkI3enM

- **SAS Tutorial | Beyond the Basics of Macro:**

https://www.youtube.com/watch?v=P1LZ2_sjvtc

- **Cutting-Edge Techniques and SAS Macros to Clean, Prepare and Manage Data:**

https://www.youtube.com/watch?v=78B-U_DZxAY

- **SAS Tutorial | Getting the Most out of SAS Macro and SQL:**

<https://www.youtube.com/watch?v=sM3sidYPT-o>

- **The Power of SAS SQL:**

<https://www.youtube.com/watch?v=BOrk-qY4xjk>

Kom i gang med SAS!

2 timers gratis hands-on “frokostsesjoner” for nye SAS-brukere

I Parkveien eller virtuelt (Teams) - utvalgte tirsdager 09:00-11:00

«Det var et bra kurs
med mye info»

«Enig med min kollega
her, tusen takk for veldig
nyttig kurs»

Fra en som har deltatt på fire sesjoner:

«Jeg likte alle sesjonene»

- Kom i gang med SAS Base Programmering , 17 JAN
- Kom i gang med SAS Enterprise Guide – menystyrt , 7 FEB
- Kom i gang med SAS SQL-Programmering , 21 FEB
- Kom i gang med SAS Visual Analytics , 28 FEB
- Kom i gang med SAS Base Programmering , 07 MAR
- Kom i gang med SAS Model Studio , 21 MAR
- Kom i gang med SAS Visual Analytics , 18 APR
- Kom i gang med SAS Enterprise Guide – menystyrt , 09 MAY
- Kom i gang med SAS SAS Studio for Viya - menystyrt, 23 MAY
- Kom i gang med SAS Base Programmering , 13 JUN
- Kom i gang med SAS Visual Analytics , 20 JUN

Har du en kollega som skal
begynne å bruke SAS?

Da kan du dele [link](#) for
oversikt og påmelding for de
neste sesjonene!

Trenger du kurs?

Se utvalget av [e-læringskurs](#) og [web-kurs med instruktør](#)