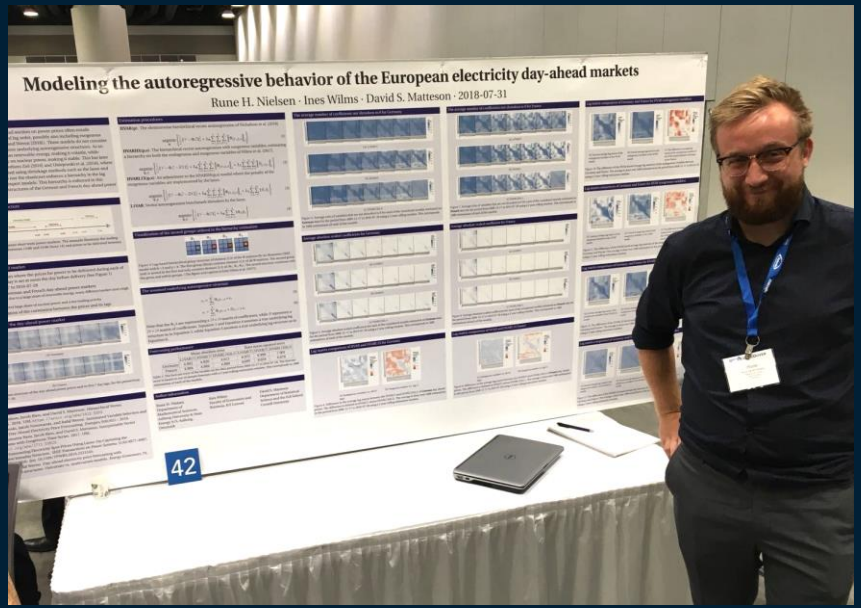
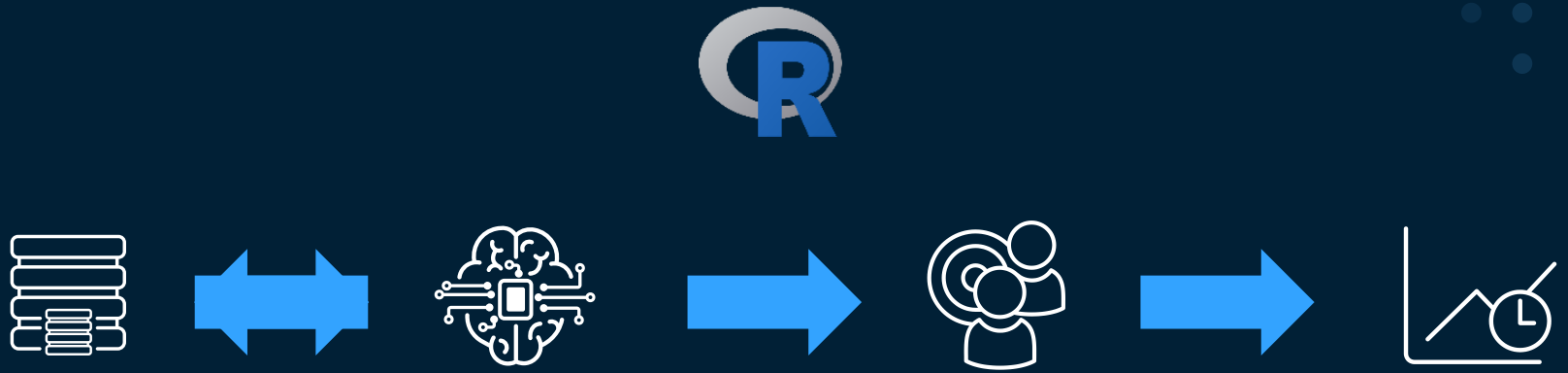




sas viya

Agenda

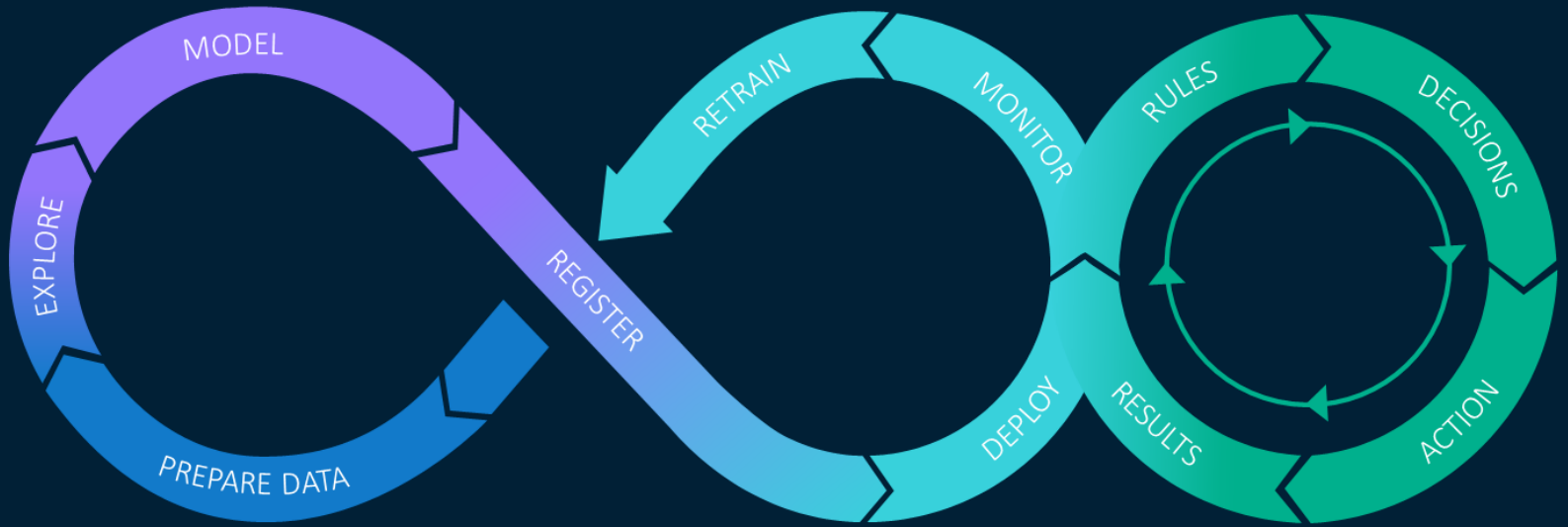
Rune Nielsen, PhD

Data scientist & AI specialist at SAS Institute

- R integration with Viya
- Demo

R and Viya

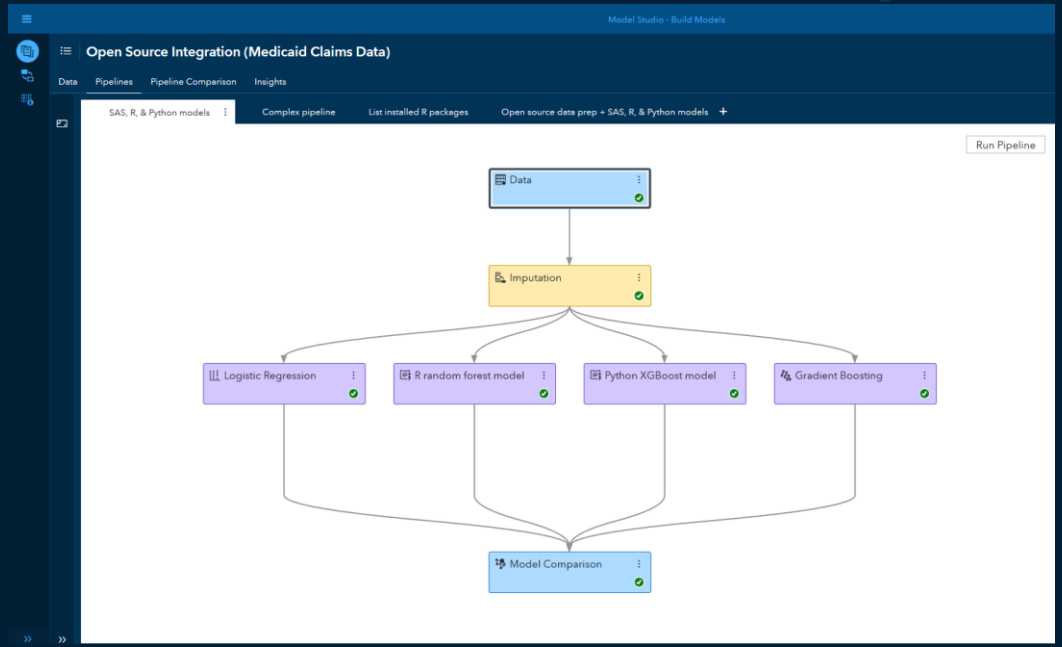
The analytics lifecycle



SAS and Open Source

SAS users can…

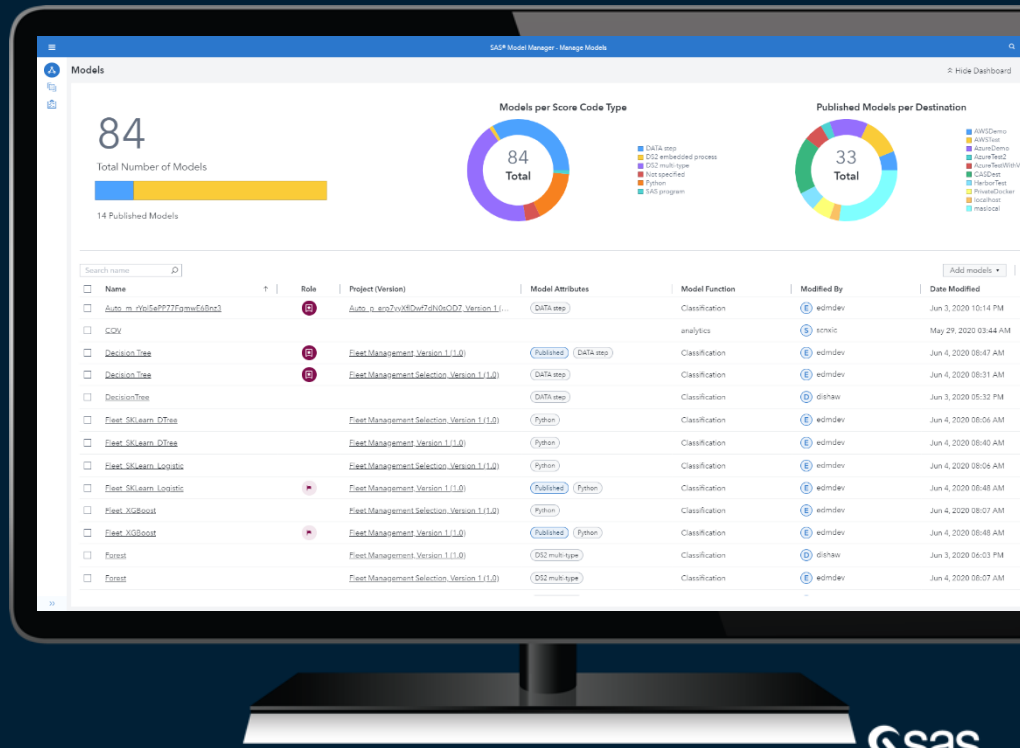
- Leverage open-source models with native R or Python code (no translation needed)
- Compare SAS and Open Source models in one modeling pipeline



Register

Open source coders can…

- Register models in model manager
- Work within preferred GUI
- Seamlessly integrate SAS models into open source workflows
- Use familiar syntax to access *compute power of CAS engine*



SAS and Open Source

Leveraging CAS Compute Resources from an R workstream

Open source coders can…

- Register models in model manager
- Work within preferred GUI
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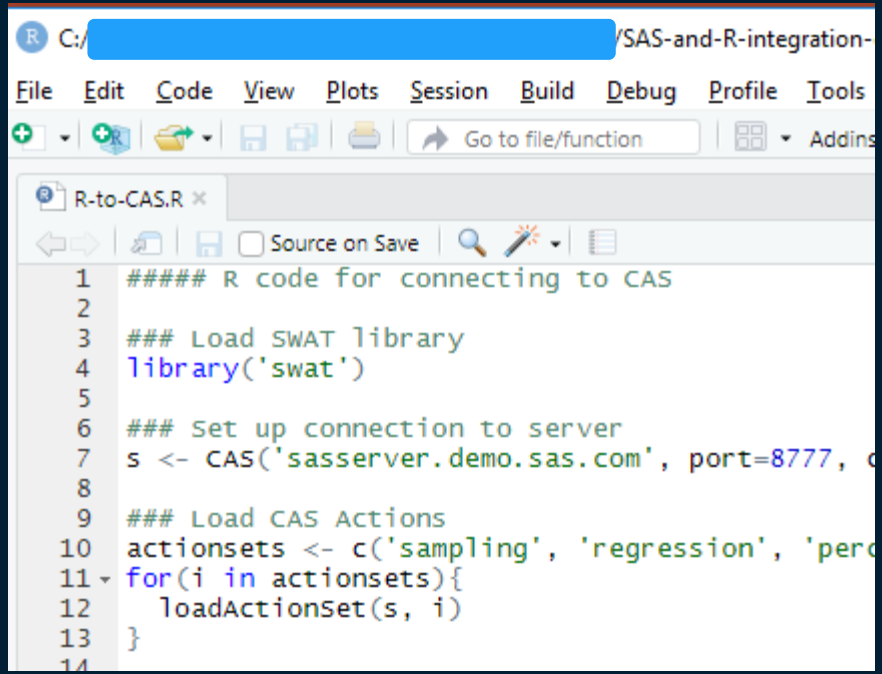
- Use familiar syntax to access *compute power of CAS engine*



SAS value propositions

Advantages for the R-user

- Bring your own tool
- Increased collaboration
- The Viya infrastructure
- The CAS engine and language

- Use R, both in visual interfaces and through e.g. RStudio
- Both developed IP and model outputs can be shared among different users
- Easy path to production
- Performance at scale, machine learning and one common language

RStudio demo