

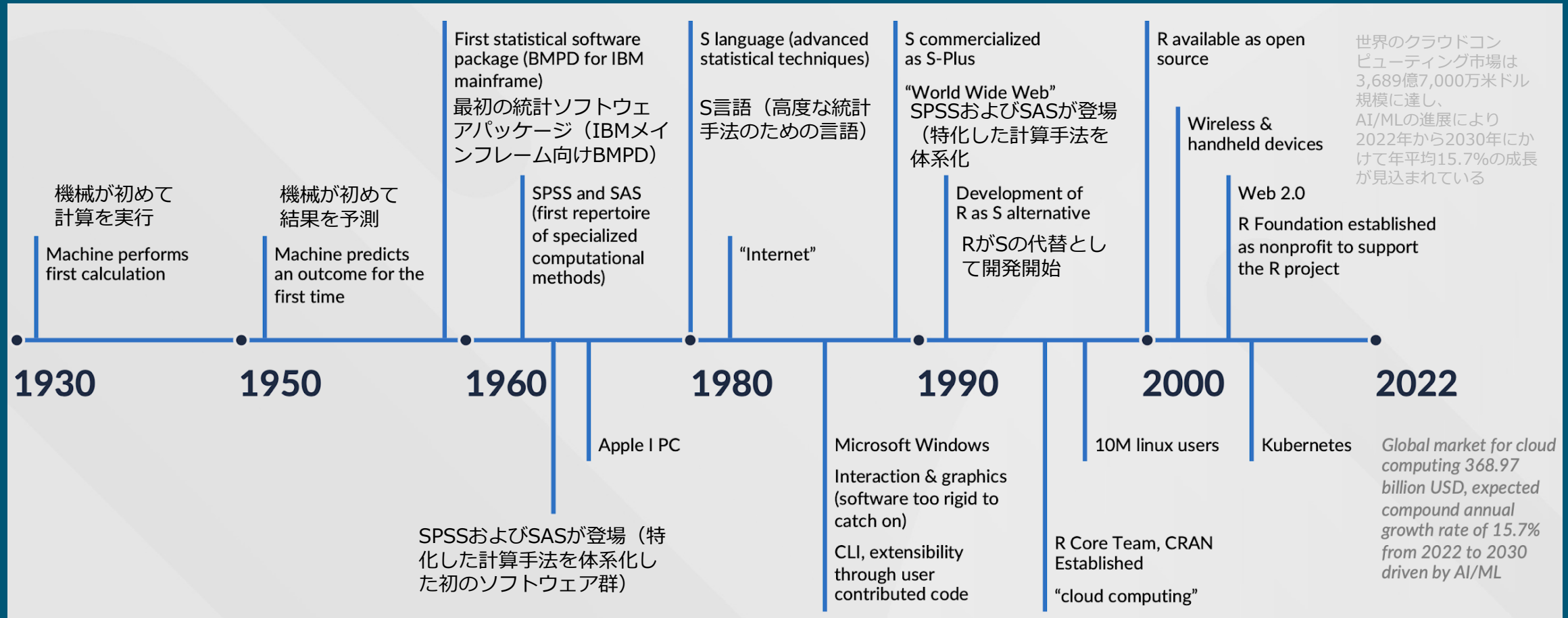
The Future is Multi-Lingual: Why SAS Language still matters in a world of R, Python and more

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Rory Walker, Data Analytics Partner Management Japan



The Evolution of Statistical Computing

統計計算の進化



[HTTPS://WWW.FDA.GOV/MEDIA/109552/DOWNLOAD](https://www.fda.gov/media/109552/download)

”FDA DOES NOT REQUIRE USE OF ANY SPECIFIC SOFTWARE FOR STATISTICAL ANALYSES, AND STATISTICAL SOFTWARE IS NOT EXPLICITLY DISCUSSED IN TITLE 21 OF THE CODE OF FEDERAL REGULATIONS [E.G., IN 21CFR PART 11]. HOWEVER, THE SOFTWARE PACKAGE(S) USED FOR STATISTICAL ANALYSES SHOULD BE FULLY DOCUMENTED IN THE SUBMISSION, INCLUDING VERSION AND BUILD IDENTIFICATION.”

About Altair SLC™



SAS 言語をそのまま高速に実行できるコンパイラ

World Programming Limited - 2001
Altair acquired – 2022

- Develop, licence & host Analytics software
- Data science applications
- Specialist solutions and consultancy
- UK base with global reach of 600+ customers

Global customer base



2001



2025



Platform capabilities

- Development
- Governance
- Deployment



Applications

- Credit scorecards



Delivery model

- Subscription licence
- SaaS/Cloud
- Managed service



Professional services

- Strategic projects
- Training
- Consulting

The Future: Flexibility and Open-Source Synergy



Multi-lingual Data Science

The Right Language for the Right Job



Data scientist



Processes
and standards



Capabilities



Procurement

Multi-lingual Data Science

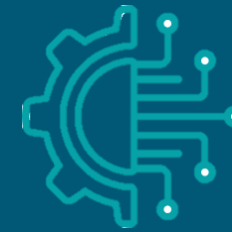
The Right Language for the Right Job



Data scientist



Processes
and standards



Capabilities



Procurement

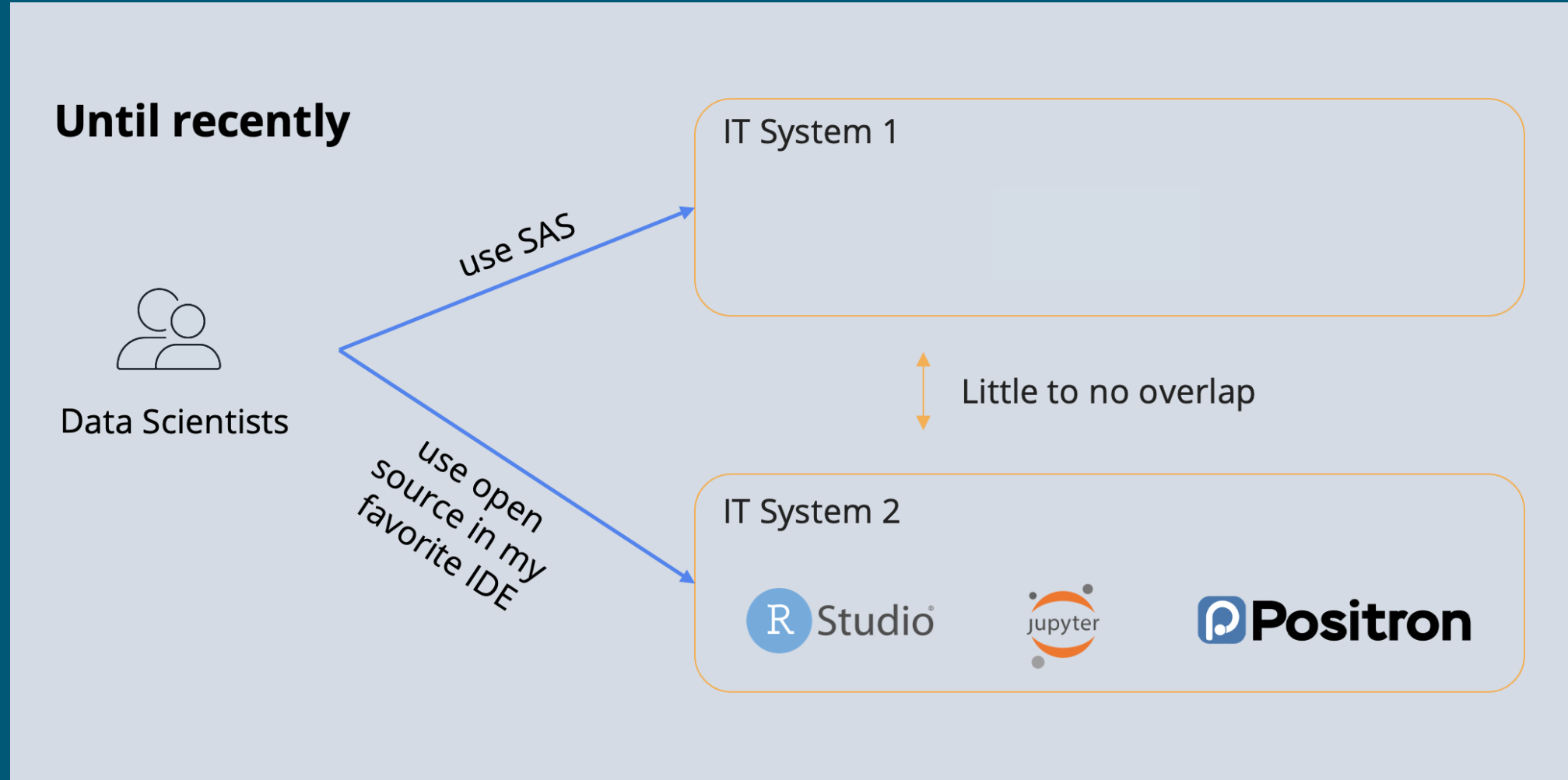
Preferences

Tech standards

Algorithms

Budget

Historically

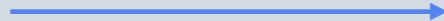


Now Possible

Now



Data Scientists



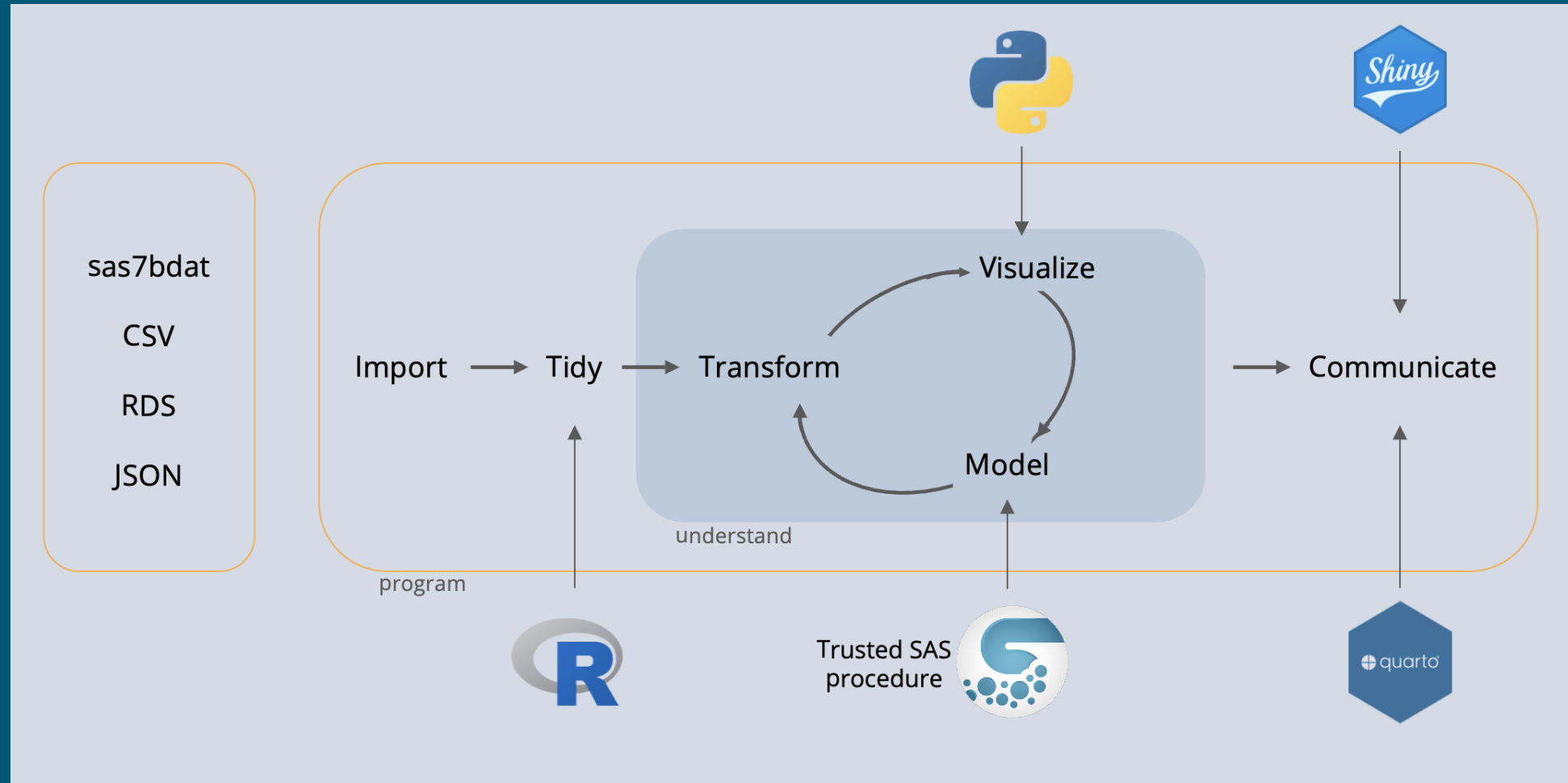
There is a VS Code extension for Altair that can be run in Positron.

 **Positron**

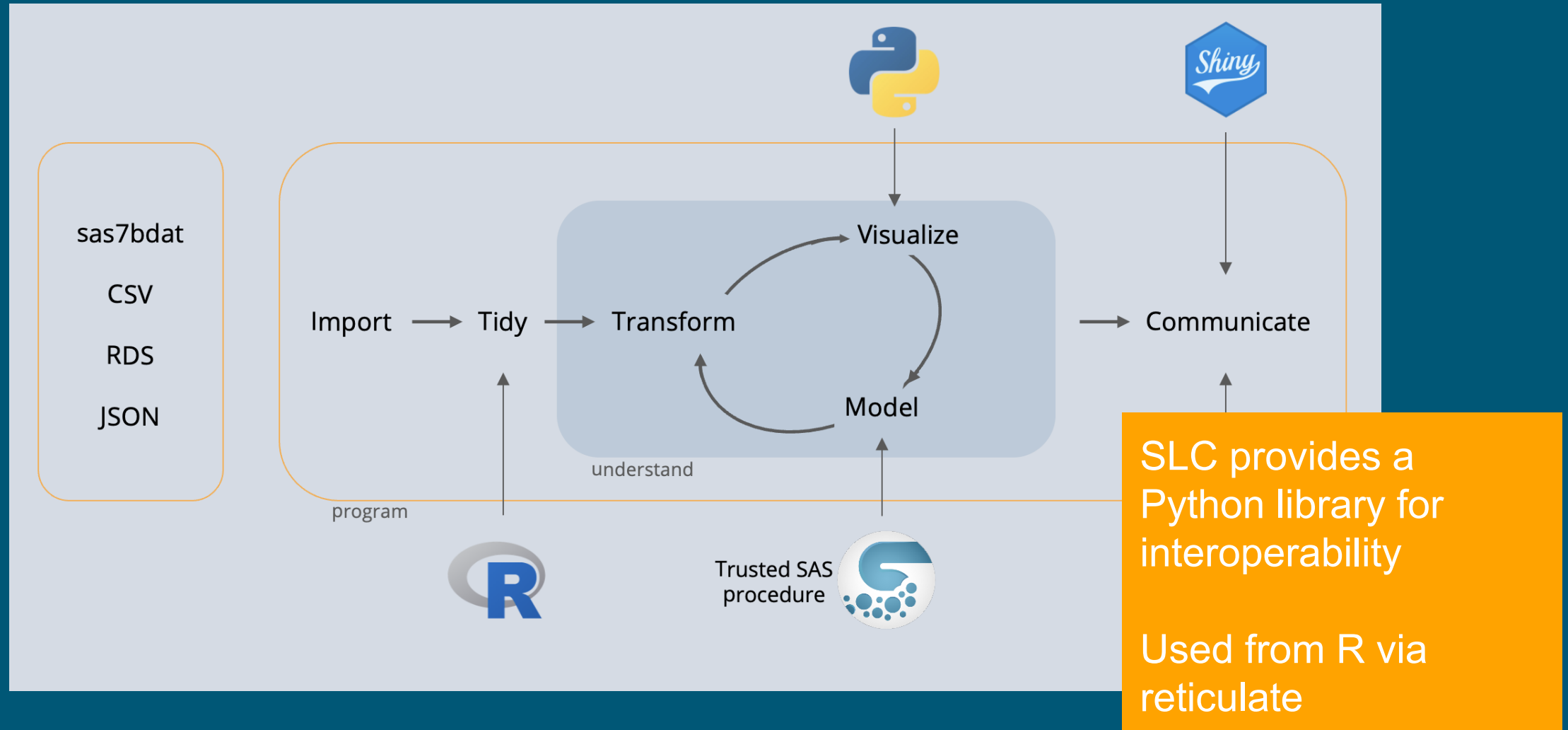
One IDE to rule them all



Making Multi-Lingual Data Science a Reality



Making Multi-Lingual Data Science a Reality



Demo

- Run SAS code within Positron using SLC
- Mix & match languages within the same code
- Interactive visualisation using R Shiny calling SLC code
- In the future: Exploratory Data Analysis using Databot

Posit + Altair



Thank you!