



Generative AI Demo by David Weik

Platzhalter für Video Slide2



SAS® Viya® Workbench

Was ist SAS® Viya® Workbench?

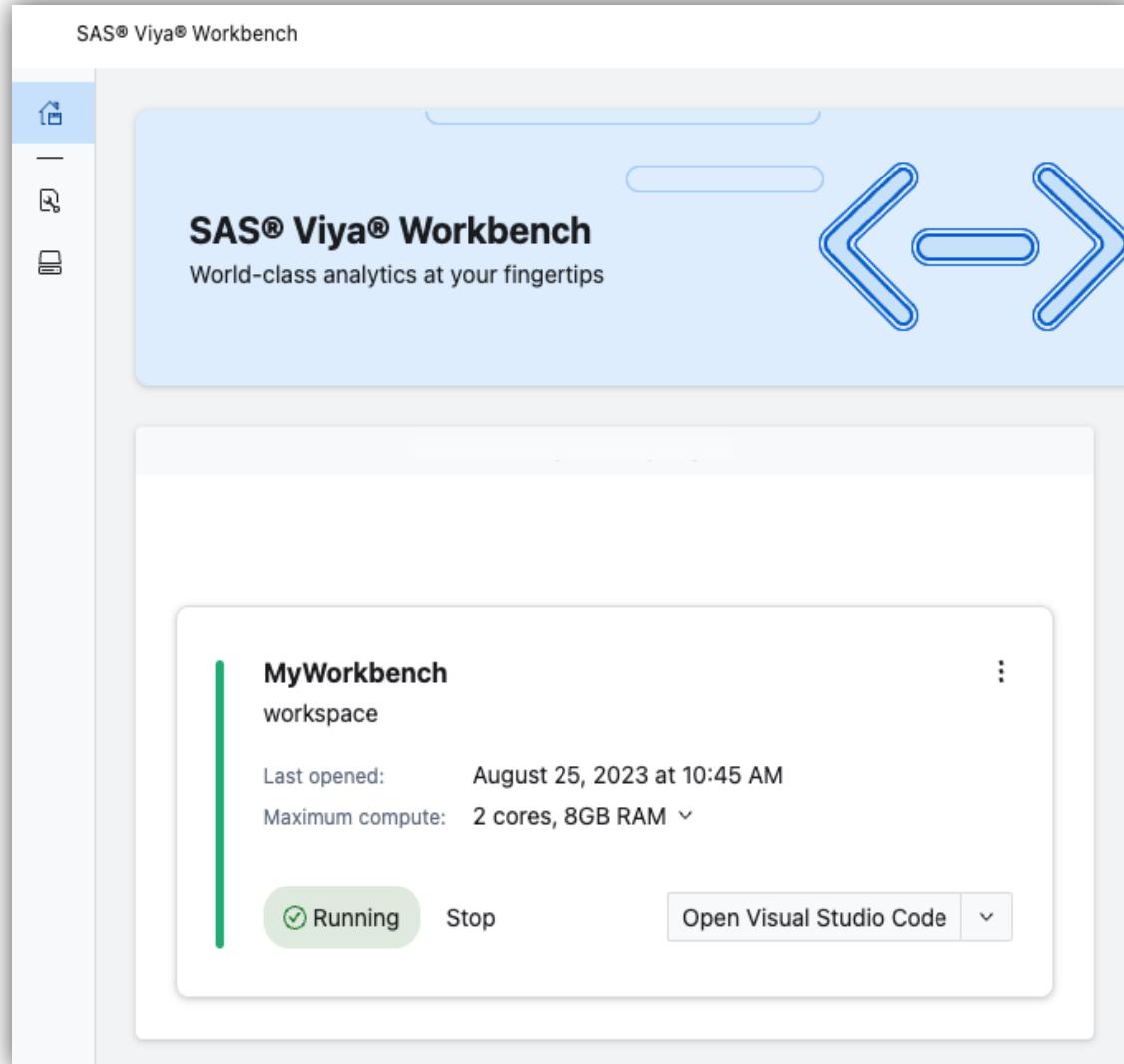
On-demand access to SAS analytics via a lightweight, fast-deployment and scalable environment



Rapidly develop alongside full Viya deployment

Platzhalter für Video Slide5

SAS® Viya® Workbench: Coming Soon (Private Previews)



- Run SAS 9 and SAS Viya procedures together
- Test our new python API inspired by scikit-learn syntax
- Bring your own example* data and code to test our range of compute options

* 2GB personal upload limit for Private Preview environment.
If you have access, please avoid uploading sensitive or commercial data





1 kidneys2min.sas •肾脏2.sas Settings setup.sas ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡

demos >肾脏2min.sas
Generate code | Add comments

```
1 /* Modify the kidneyTest table to convert the character variable potassiumchar to a numeric variable called potas
2 
3 /* Create the month and year variables using the date variable, DATE, in the kidneyTest table */
4 
5 /* Use SQL to create the kidneyData in the public library by joining the kidneyPatientinfo and kidneyTest using i
6
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 

SAS Log     

① 0 △ 0 ⚡ SAS

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF SAS ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡



SAS® App Factory





CONTROL



No proprietary front-end code

Your choice of UI framework. Vanilla TypeScript code, generated according to latest best practices.



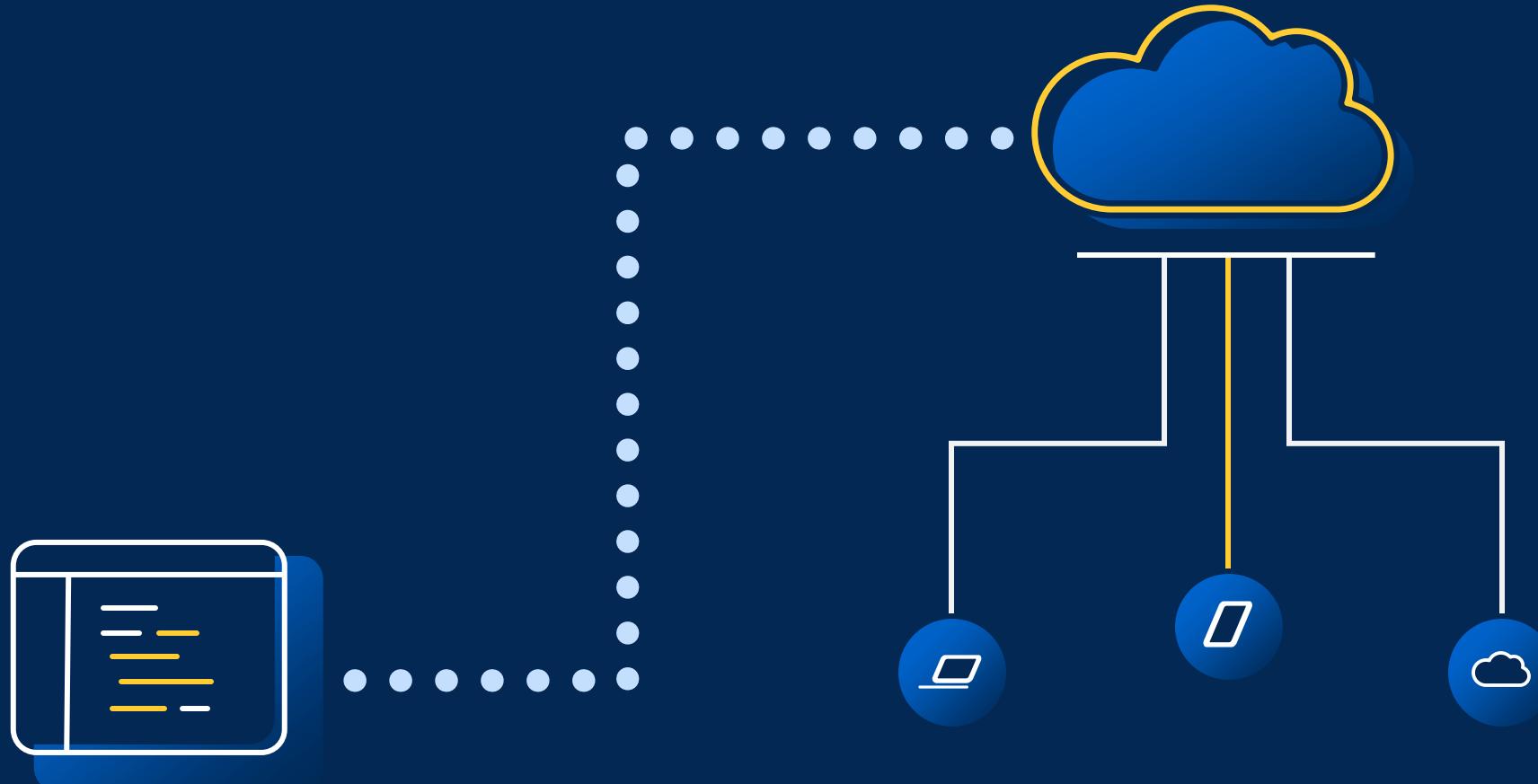
Compute in any language

Write functions in the language of your choice: SAS, Python, R, or Go. As long as your API is documented properly.

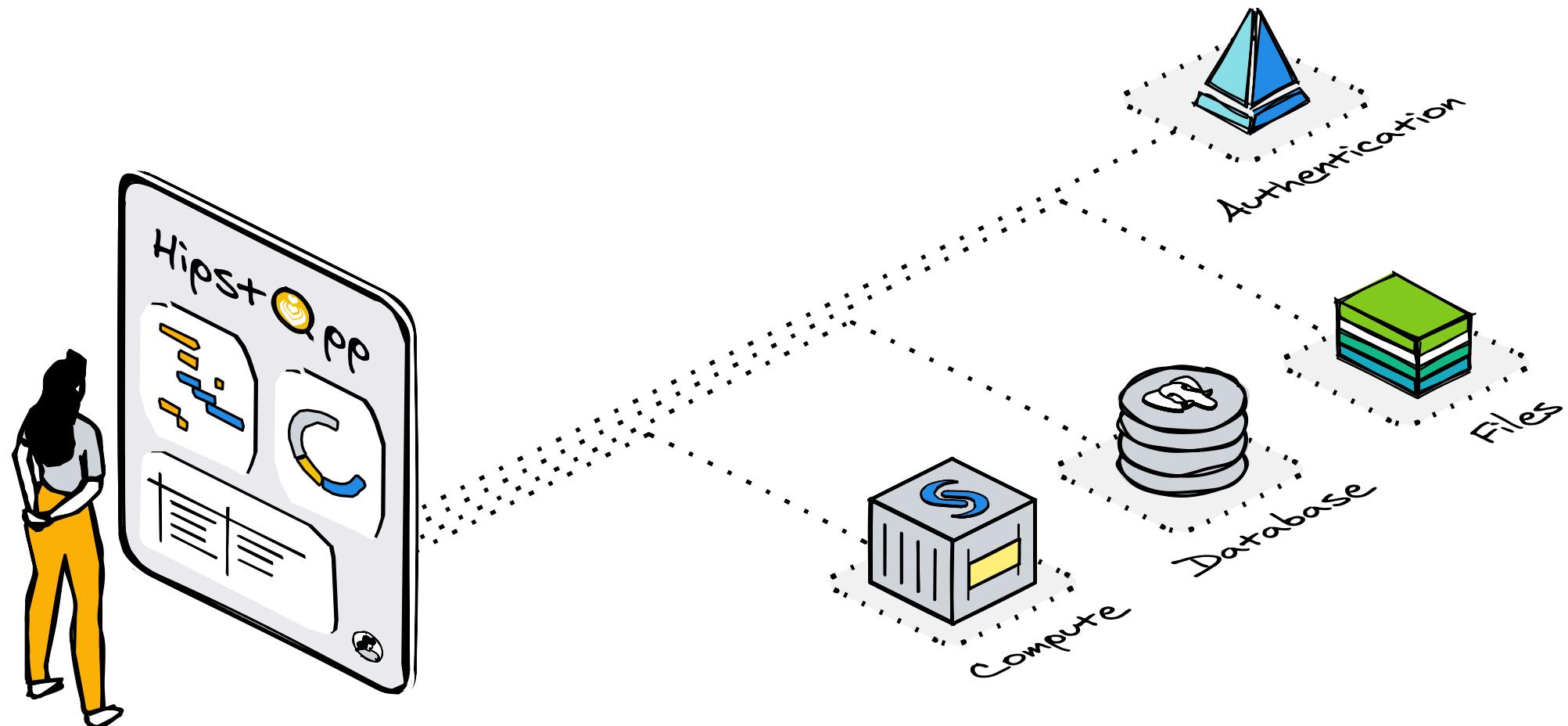


No Hyperscaler lock-in

Apps built with App Factory run on any of the cloud providers. No code changes required.



SAS Code to Cloud Function in a couple of clicks



Manage Definitions > CT.Diagnose : CT.VSTF

Diagnose instance: 10-1-2022, 8:32:13 AM Hierarchy: BOM.HB Zone: CT Type: Very Short Term Forecaster Champion Model: GML

Drag areas on graphs to zoom the view. Graph Properties.

Manage Definitions > Connecticut

Last Run: 10-09-2022, 8:48:01 AM Hierarchy: BOM.HB Zone: CT Type: Load Champion Model: GML.PRWTH

View Load Run: On - Select instance: 10-09-2022, 8:48:01 AM Graph Properties.

Model Feature	Interval MAPF	Daily MAPF	Monthly MAPF	Annual MAPF
CONNECTICUT	~4.5	~3.8	~1.5	~1.5
CALIFORNIA	~4.5	~3.8	~1.5	~1.5
CLUSTER	~4.5	~3.8	~2.0	~2.0
CLUSTE	~4.5	~3.8	~2.0	~2.0

Legend: Interval MAPF (Blue), Daily MAPF (Black), Monthly MAPF (Green), Annual MAPF (Orange)

Model Name	Interval MD	Interval MAD	Interval MAPE	Hourly MD	Hourly MAD	Hourly MAPE	Daily Peak MD	Daily Peak MAD	Daily Peak MAPE	Daily MD	Daily MAD	Daily MAPE
GML.PRWTH	28.7676	162.0463	4.0000%	28.7676	162.0463	4.0000%	-162.0463	162.0463	1.0000%	228.0711	162.0463	1.0000%
GML.PRWTH	28.7677	162.0463	4.0000%	28.7677	162.0463	4.0000%	-162.0463	162.0463	1.0000%	228.0409	162.0463	1.0000%
GML.PRWTH	28.7447	178.3697	4.0000%	28.7447	178.3697	4.0000%	-178.3697	178.3697	4.0000%	210.0711	178.3697	4.0000%
GML.PRWTH	121.0270	162.0463	4.0000%	121.0270	162.0463	4.0000%	-162.0463	162.0463	4.0000%	204.0265	162.0463	4.0000%