

Yes, you can use Python with RStudio Team!



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Solutions Engineers, RStudio PBC

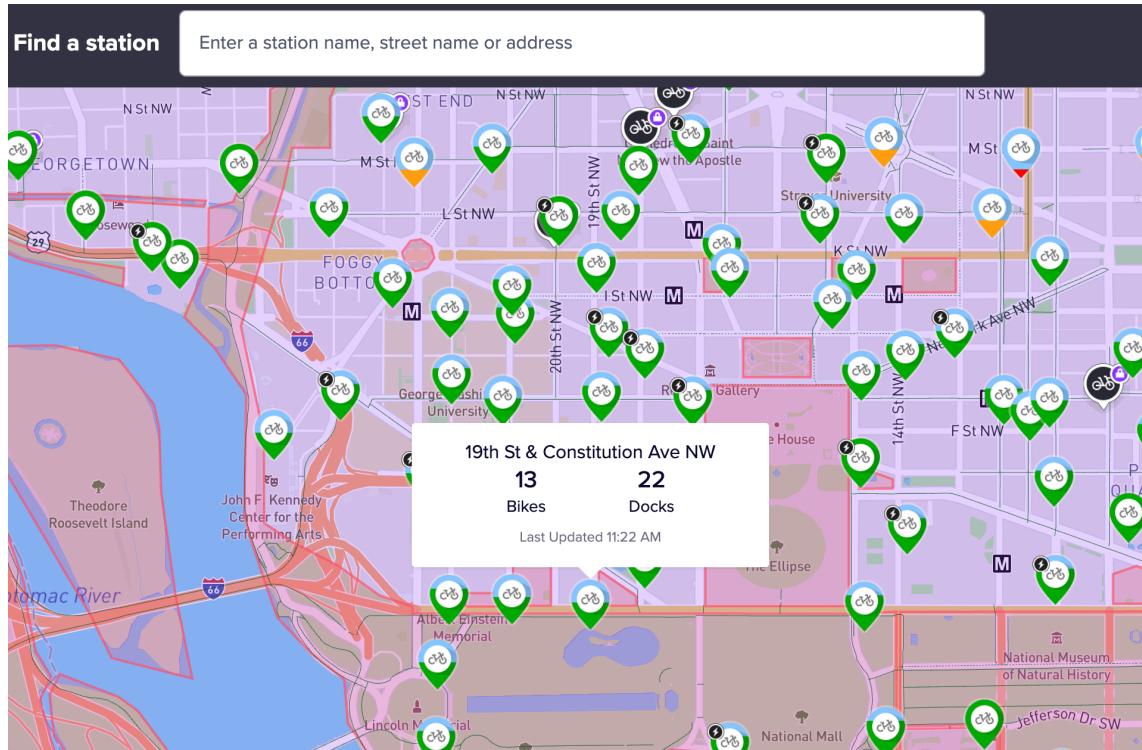
Story time



Capital Bikeshare

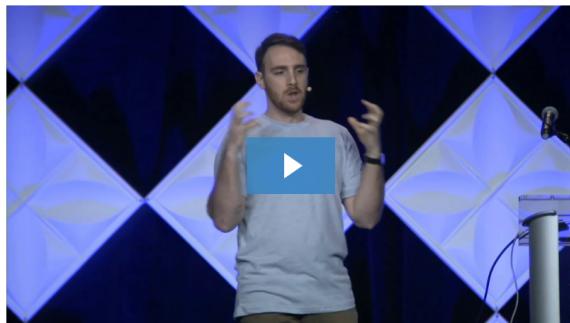


Capital Bikeshare - # of bikes right now



<https://account.capitalbikeshare.com/map>

Bike Prediction in R

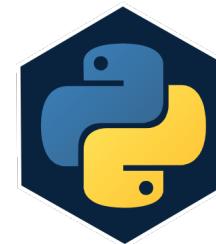
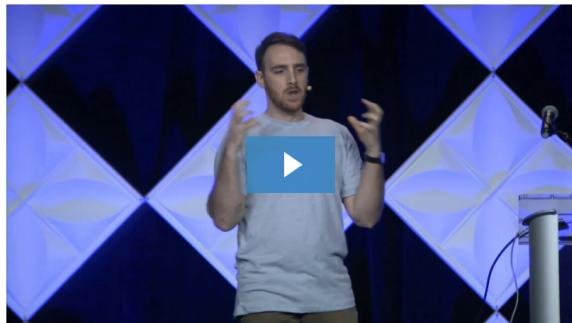


RSTUDIO::CONF 2020 PRODUCTION

Deploying End-To-End Data Science with Shiny, Plumber, and Pins

Alex Gold | January 30, 2020

Bike Prediction in Python



RSTUDIO::CONF 2020 PRODUCTION

Deploying End-To-End Data Science with
Shiny, Plumber, and Pins

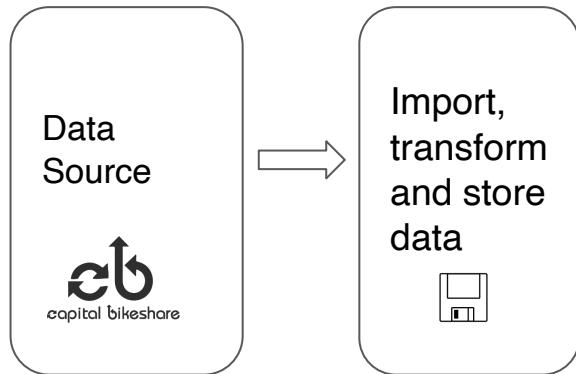
Alex Gold | January 30, 2020

Bike Prediction Workflow

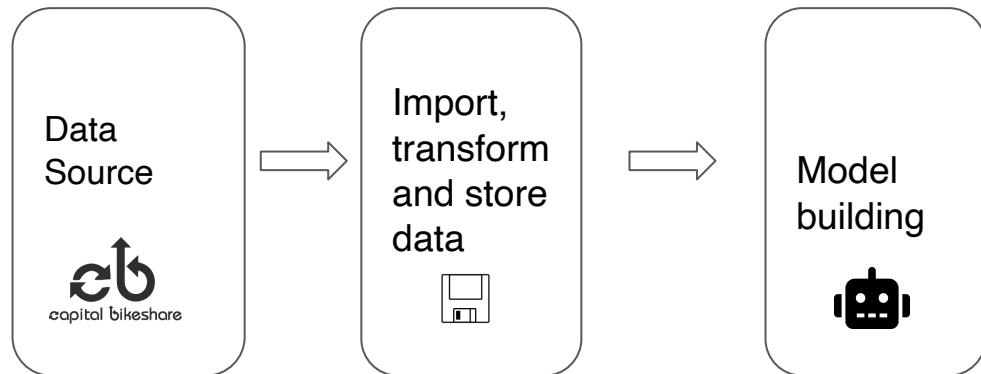
Bike Prediction Workflow



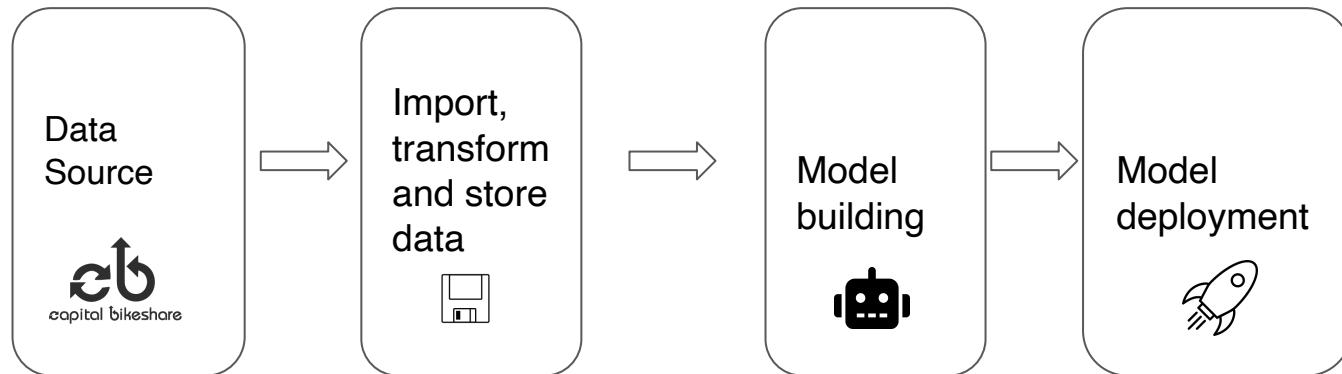
Bike Prediction Workflow



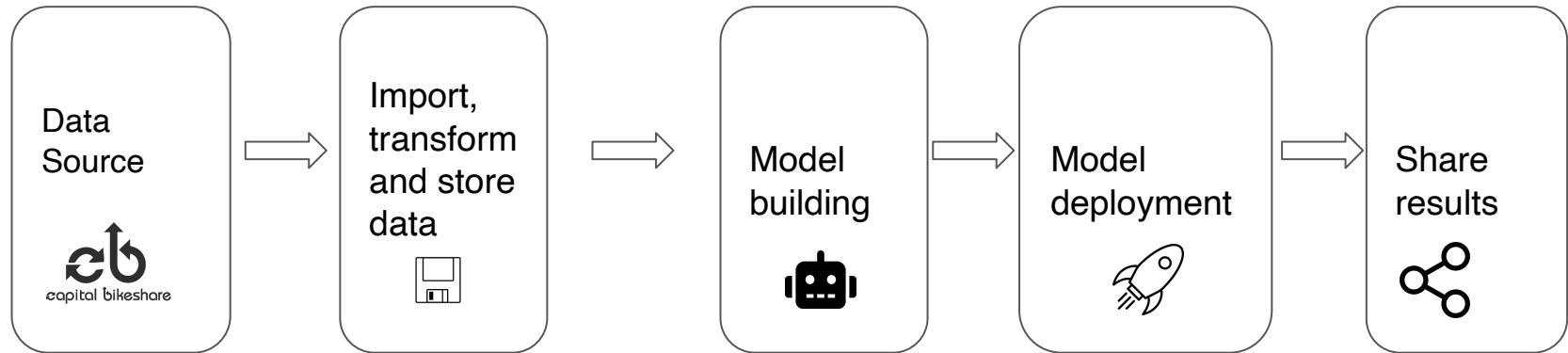
Bike Prediction Workflow



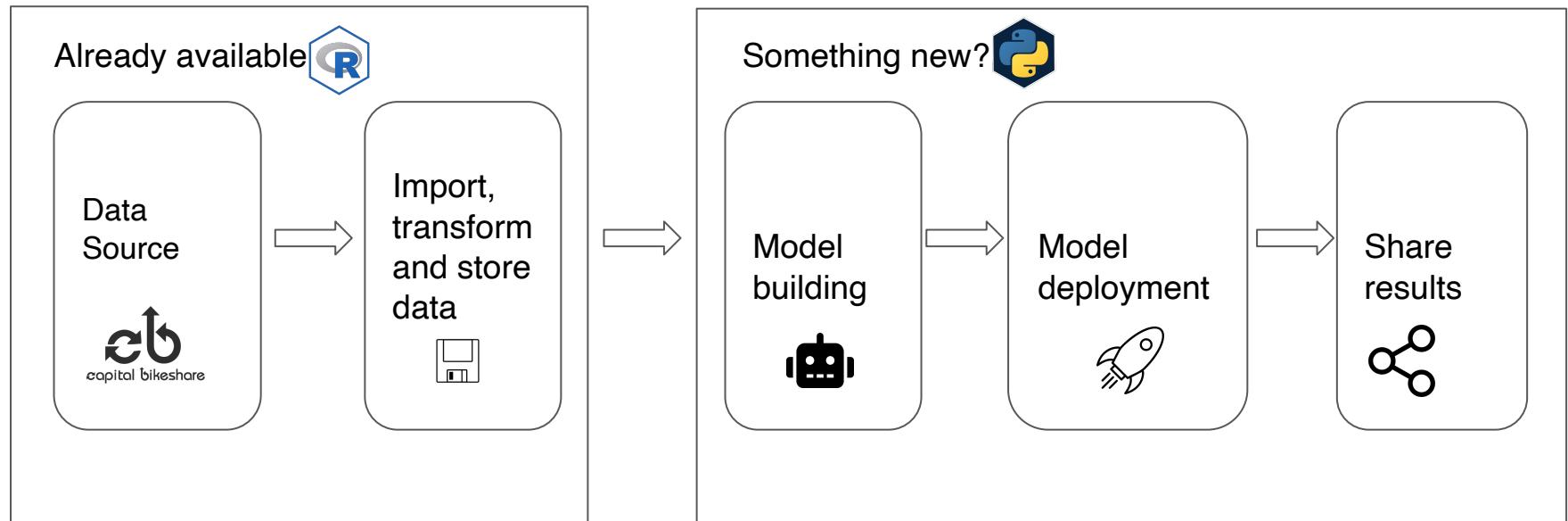
Bike Prediction Workflow



Bike Prediction Workflow

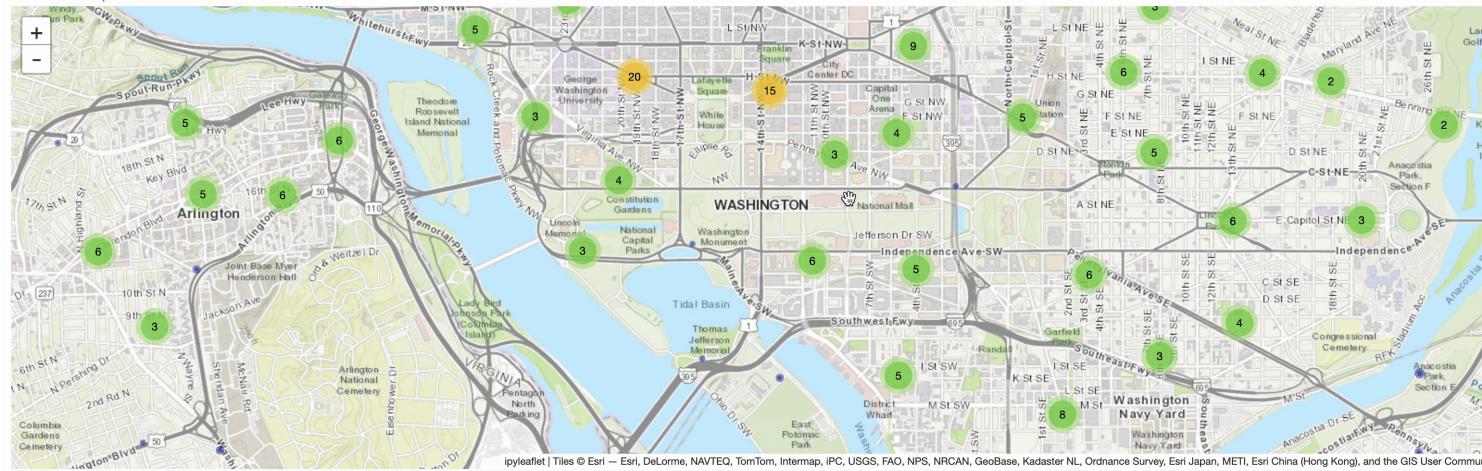


Bike Prediction Workflow



Where can I get a bike? -- Capital Bikeshare Python

Bike Station Map



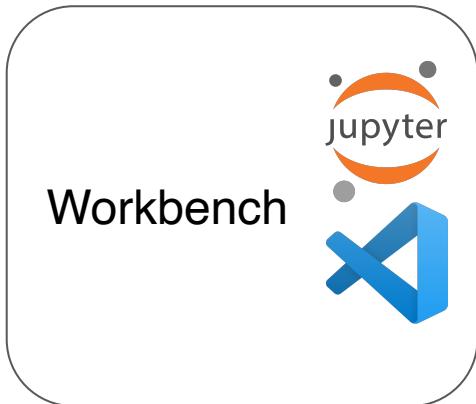
Please click on a circle marker to see the predicted # of bikes over the next 24 hours



in RStudio Team



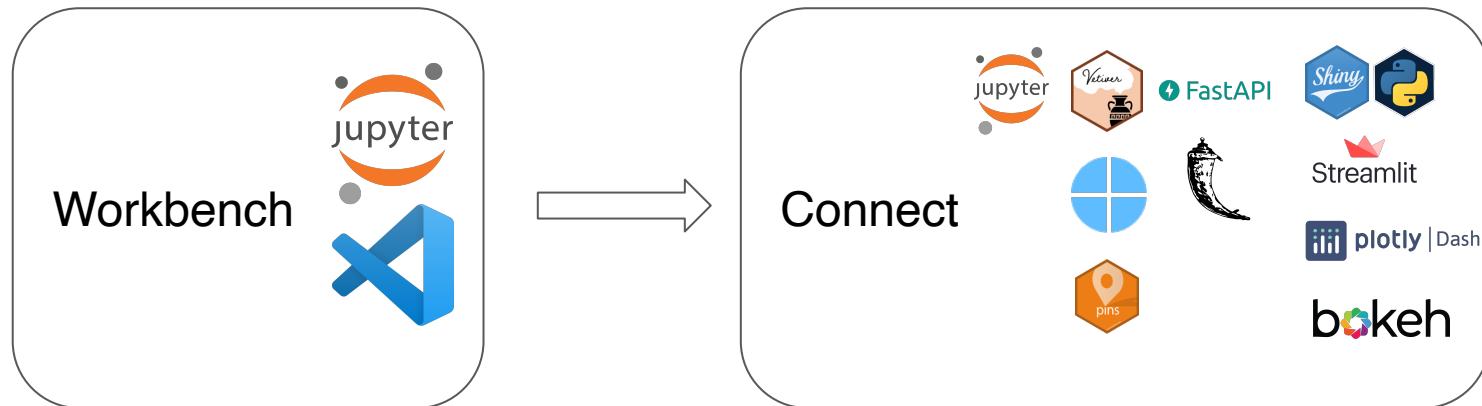
in RStudio Team



Develop



in RStudio Team



Develop

Deploy

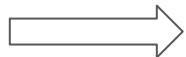


in RStudio Team

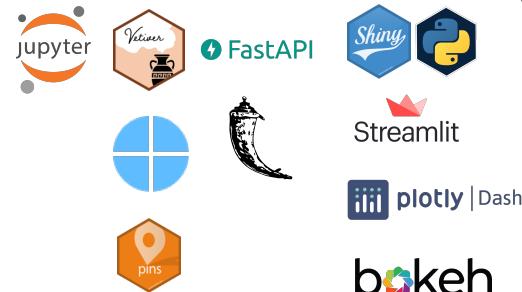
Package Manager



Workbench



Connect

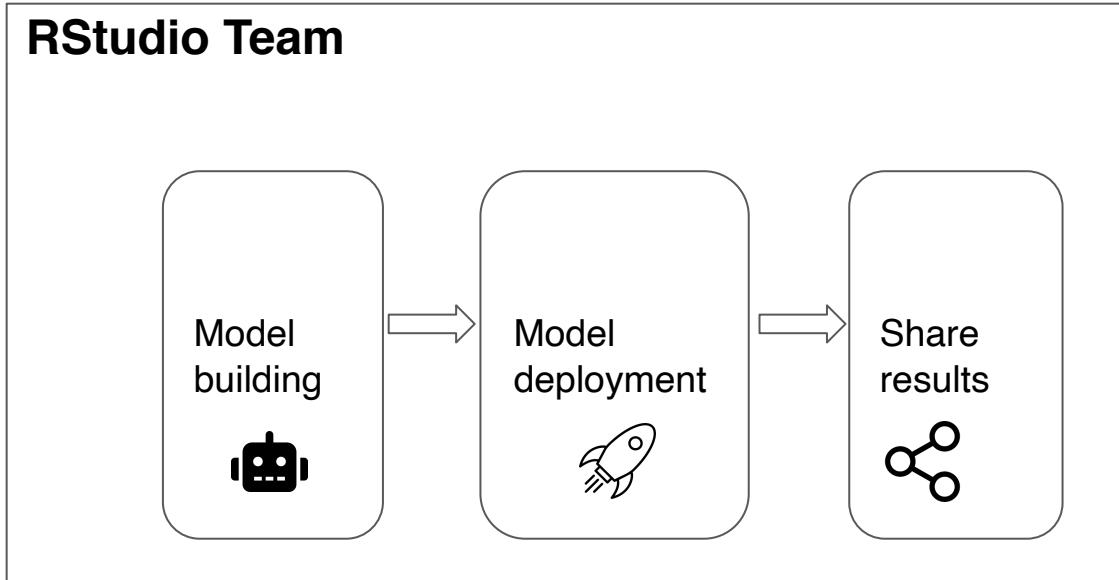


Develop

Deploy



What are we showing?



Lights, Camera, Action!



R-based ETL



R-based ETL

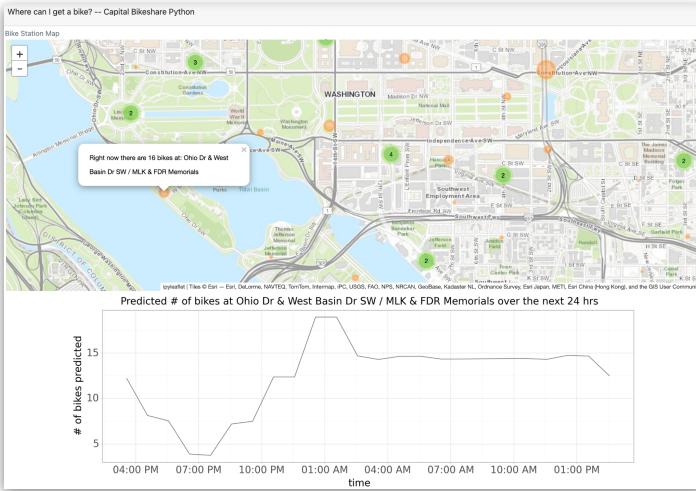


Python Model



R-based ETL

Python Model



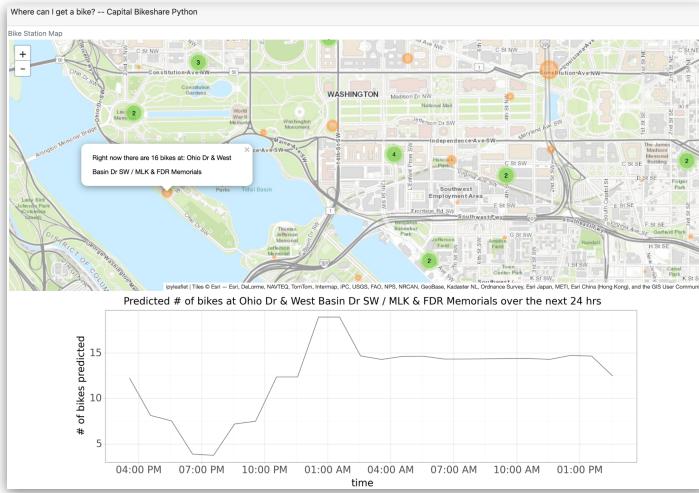
Shiny for Python
Dashboard



R-based ETL



Python Model



Shiny for Python
Dashboard

If you work in Python:

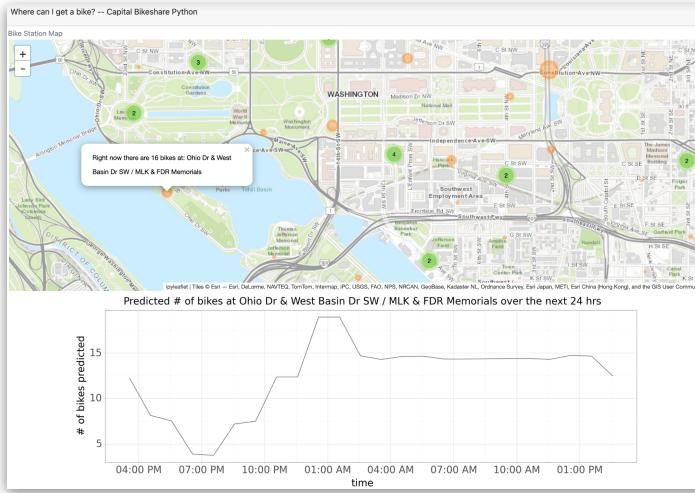
Start with your favorite Python tools in RStudio Team today!



R-based ETL



Python Model



Shiny for Python
Dashboard

If you work in Python:

Start with your favorite Python tools in RStudio Team today!

If you work with Python colleagues:

Collaborate and extend the capabilities across teams with RStudio Team.

Resources

Come see us at the Lounge!

GitHub repo: https://github.com/sol-eng/bike_predict_python

Landing Page: <https://colorado.rstudio.com/rsc/bike-share-python/>

Jupyter sessions: <https://docs.rstudio.com/rsw/integration/jupyter-standalone/>

VS Code sessions: <https://docs.rstudio.com/rsw/integration/vs-code/>

Connect User guide(s): <https://docs.rstudio.com/connect/user/>

Shiny for Python: <https://shiny.rstudio.com/py/>

Vetiver: <https://rstudio.github.io/vetiver-python/stable/>

Pins: <https://rstudio.github.io/pins-python/intro.html>

