COCALC ONPREM

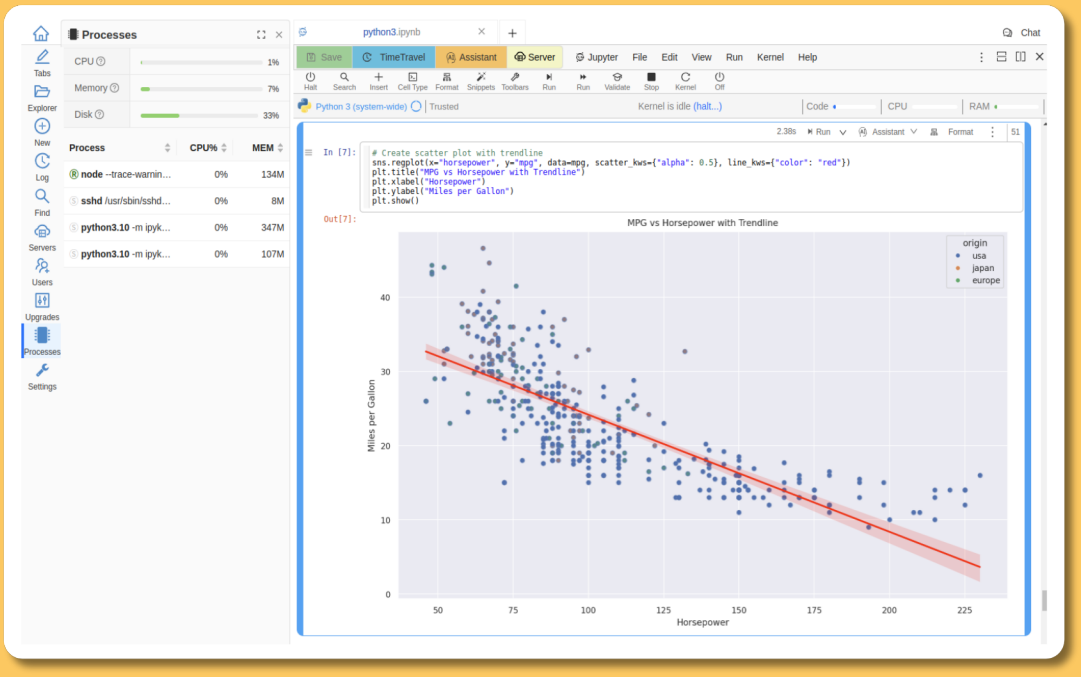
Alternative to **Overleaf** and **JupyterHub**

onprem.cocalc.com

CoCalc OnPrem is an enterprise grade commercial alternative to JupyterHub

- ✔ **Projects**: split your work across **private workspaces** and invite collaborators on a per project basis.
- ✔ **Full real-time collaboration:** edit the same files, see collaborators' cursors, chat with them.
- ✔ **Server-side notebook state:** do not lose output when you are switching/restarting your browser.
- ✔ **IPyWidgets:** Support for standard and customized widgets. Collaborators see the same state of all widgets.
- ✔ **AI Assistant:** generate, fix, or improve code; translate between programming languages, and more.
- ✔ **TimeTravel:** our unique automatic version control and backup system complements Git and supports collaboration.

Collaborative Calculation on your infrastructure



Documentation

Key Features

- ✔ Work across customizable **projects,** individual workspaces.
- ✔ **Real-time collaboration** for all documents.
- ✔ **LaTeX Editor**, **R/Quarto**, **Jupyter Notebooks**, and **Linux Terminal**.
- ✔ Unified solution for **research**, **teaching**, and **publishing**.
- ✔ Deep integration with **AI tools (LLMs)**.

Easy Administration

- ✔ **Battle-tested** services for robustness.
- ✔ **Scalable architecture** for performance.
- ✔ Convenient and extensive **configuration**.
- ✔ Competent **technical support**.
- ✔ Also works inside a secure **VPN**.

OnPrem Homepage

Technical Specifications

- ✔ Runs on existing hardware in a **Kubernetes cluster**.
- ✔ Uses a **file-storage** solution and **PostgreSQL**.
- ✔ Inherits **security and scalability** from our SaaS platform (**SOC 2**).
- ✔ Supports the full data science and scientific **Python** stack.
- ✔ Makes **LaTeX, Python, R/Knitr/Quarto, SageMath**, and more available.

CoCalc OnPrem combines the collaborative power of CoCalc with the **security and control** of **on-premises deployment**. Thus making it the ideal solution for organizations with specific **infrastructure requirements** or **data privacy** concerns. Contact **help@cocalc.com** to learn how to transform your organization's collaborative scientific computing capabilities.