COCALC ONPREM

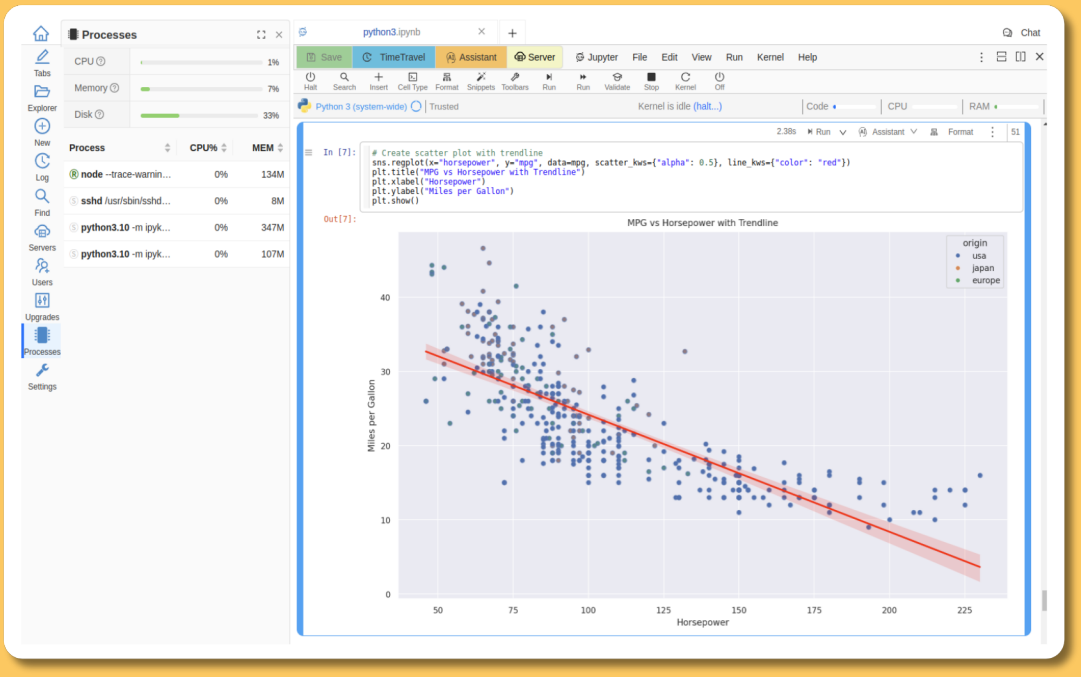
Alternative to **Overleaf** and **JupyterHub**

onprem.cocalc.com

CoCalc OnPrem is an enterprise grade commercial alternative to JupyterHub

- ✔ **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.
- ✔ **Extensive testing** in our production environment, bugs are promptly fixed, and your questions are addressed.

Collaborative Calculation on your infrastructure



Documentation

Key Features

- ✔ **Real-time collaboration** for all documents.
- ✔ **Jupyter Notebooks, R/Quarto, LaTeX Editor**, and **Linux Terminal**.
- ✔ Unified solution for **research, teaching**, and **publishing**.
- ✔ Ubiquitous integration with **AI tools (LLMs)**.
- ✔ **Scalable architecture** for performance and reliability.

Benefits

- ✔ Leverage **existing infrastructure** investments.
- ✔ Access everything "in one place".
- ✔ **Data sovereignty** to follow compliance rules.
- ✔ Meet specific **regulatory requirements**.
- ✔ Keep everything isolated inside a **VPN**.

OnPrem Homepage

Technical Specifications

- ✔ Runs on a **Kubernetes cluster**.
- ✔ Uses a **file-storage** solution and **PostgreSQL**.
- ✔ Inherits **security and scalability** from our SaaS platform.
- ✔ Supports the full data science and scientific **Python** stack.
- ✔ Makes **Julia, SageMath, R, LaTeX**, and more available to everyone.

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.