



CSC

ICT Solutions for
Brilliant Minds



CSC Notebooks

Katri Tegel

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- The easiest possible service and a 'window' to CSC's computing capacity and HPC world
- Provides easy-to-use web applications for working with data and programming.
- Most common use case is to organise courses and teaching, but also suitable as a collaboration platform, self-study, demoing
- Runs in the CSC cloud. Can be accessed with any connected devices
- Logging in through HAKA or Virtu <https://notebooks.csc.fi/>
- Free-of-charge for Finnish HEIs' for non-commercial use, including students with foreign affiliation as long as course is organised by Finnish HEI.

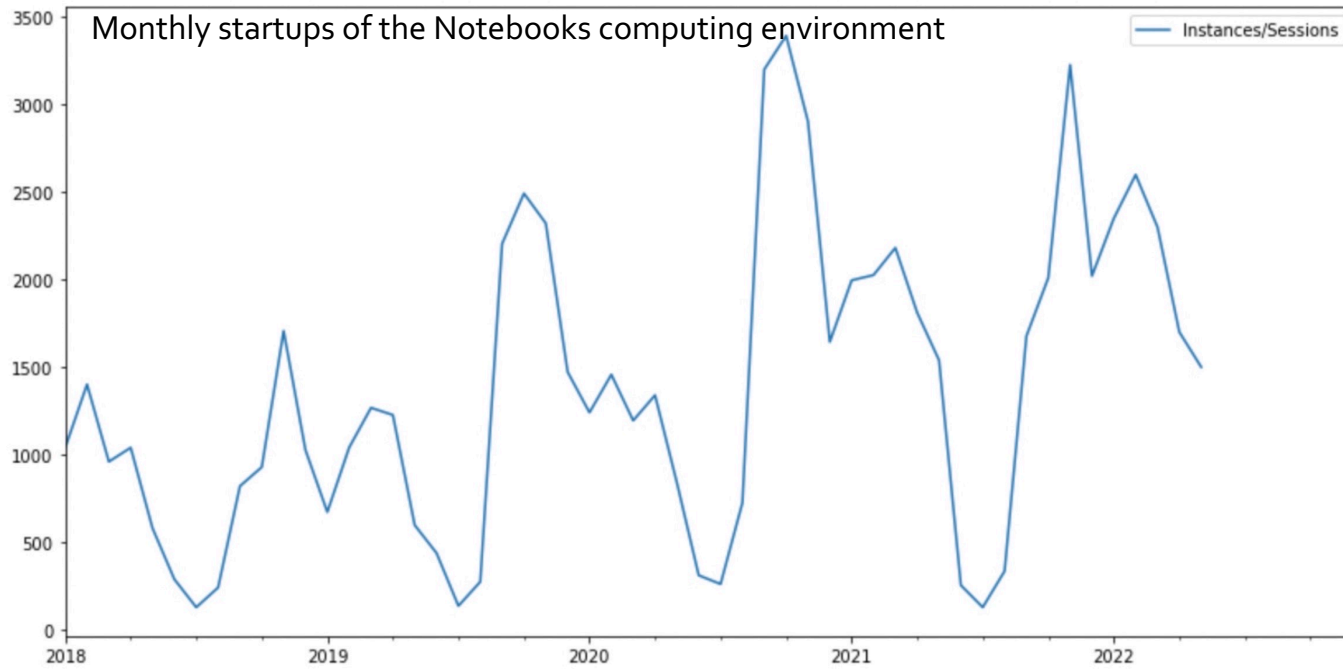
CSC Notebooks vs Puhti Web User Interface (Open-on-Demand)

- Puhti Web Interface requires CSC account, while CSC Notebooks usage is intended to be as-easy-as-possible
- Puhti OOD offers heavy computation and GPUs'
- In Puhti OOD you get access to Puhti software environment maintained by CSC

Usage stats

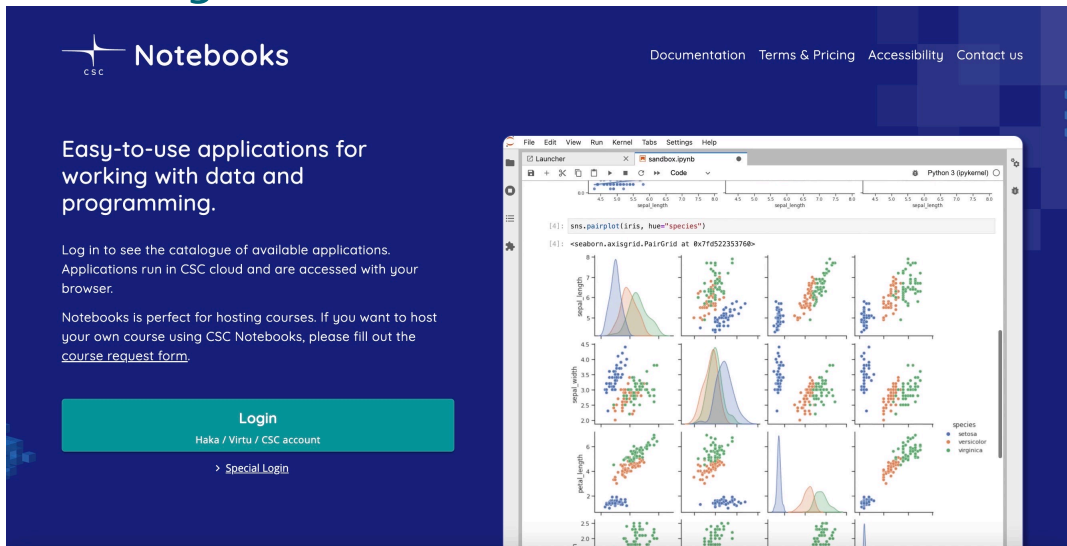


- Users from ~50 higher education institutes (HEIs) and research institutes, currently over 900 (!) users in new version alone



What's new

- New version with:
- Persistent storage during course lifetime for participants.
- Shared folder for course materials.
- Easier use of customised container images for teachers.
- New UI!



The screenshot displays the CSC Notebooks interface. At the top left is the CSC logo and the word "Notebooks". On the top right, there are links for "Documentation", "Terms & Pricing", "Accessibility", and "Contact us". The main content area on the left contains the following text:

Easy-to-use applications for working with data and programming.

Log in to see the catalogue of available applications. Applications run in CSC cloud and are accessed with your browser.

Notebooks is perfect for hosting courses. If you want to host your own course using CSC Notebooks, please fill out the [course request form](#).

Below this text is a teal "Login" button with the text "Haka / Virtu / CSC account" and a link "> SpecialLogin".

On the right side of the interface, a notebook window is open, showing a scatter plot matrix for the Iris dataset. The code cell above the plot contains the following Python code:

```
[1]: sns.pairplot(iris, hue="species")
[2]: <seaborn.axisgrid.PairGrid at 8x7f652235370b>
```

The plot matrix shows pairwise relationships between sepal_length, petal_length, and petal_width, with data points colored by species (setosa, versicolour, virginica). Marginal histograms are shown on the diagonal of the plot.



Thank you!

notebooks@csc.fi



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