Installing the CUH respiratory virus dashboard

# Install uv

powershell -ExecutionPolicy ByPass -c "irm https://astral.sh/uv/install.ps1 | iex"

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Start a new PowerShell session if prompted.

# Fetch the dashboard code

1. Go to: <https://github.com/yinchi/cuh-resp-model>
2. Download the code as a ZIP file, or clone the repository using Git or GitHub Desktop (if installed)

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## Install VS Studio Build Tools

This is required to compile any Python libraries for which a pre-compiled version is not available.

<https://visualstudio.microsoft.com/downloads/#build-tools-for-visual-studio-2022>

Select (at minimum) “Desktop Development with C++”. You will need several GB of disk space.

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# uv sync

This creates a Python virtual environment for the dashboard.

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Note that compiling certain libraries from scratch (notably numpy) may take a few minutes.

# Execute the launch script

Open a PowerShell session in the root directory of the Dashboard project and execute:

Set-ExecutionPolicy -Scope CurrentUser -ExecutionPolicy RemoteSigned

.\launch.ps1 -Port [Port number]

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Replace [Port Number] above with any available port number on the host machine.