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QuantEcon is dedicated to development and documentation of modern open source computational tools for economics, econometrics, and decision making. QuantEcon provides a set of code libraries in both Python and Julia that are useful for economics, plus an online archive of lectures on quantitative economic modeling, Jupyter notebooks, scientific programming cheatsheets, and resources from QuantEcon workshops and seminars.

## APPLICATIONS

QuantEcon.py, QuantEcon.jl – Libraries - The open-source QuantEcon libraries for Python (1200+ stars) and Julia (300+ stars) support ongoing research in computational economics and are used extensively across all of the QuantEcon lecture and training material.

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Lecture and Courses via Lecture Sites - The online lecture sites are used by thousands of users across many different countries each month. For example, Peking University HSBC Business School has built a series of courses and workshops around QuantEcon material

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Publishing Infrastructure via the Executable Book Project - Our main ongoing development effort is contributing to Jupyter Book (an Executable Books project) which focuses on modernizing scientific publishing to include computation as a first class citizen for generating publication quality outputs

## PLANNED FEATURES

- + QuantEcon continues to develop [sphinx-proof](#) and [sphinx-exercise](#) as useful Sphinx extensions to be used by Jupyter Book and the Sphinx ecosystem more generally. Both packages are set up to assist with enabling more feature complete Scientific Writing Workflows.
- + Hardcopy Textbook for Computational Economics - QuantEcon is currently developing a hardcopy textbook to further teaching and training in the field of computational economics
- + Executable Book Project - Improvements to LaTeX/PDF engine - A primary QuantEcon focus for Jupyter Book contributions is through improvements to the LaTeX conversion process to enable publication quality PDF outputs

## PROJECT NEEDS

Computational Economics:  
A Video Lecture Series

\$125,000

Jupyter Forum for online  
community discussions and  
sharing of Notebooks

\$200,000 + \$15,000/yr

Executable Book Project -  
Native Javascript implementation  
for MyST Markdown

\$250,000 + \$50K/yr



For more information on QuantEcon,  
including our governance structure  
and project roadmap, please visit

<https://quantecon.org/>

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