**Solow growth model**

The Solow growth model is a start in understanding differences in GDP per capita across countries. This project will look at it, and create a Python class to simulate growth scenarios.

**Topics covered**

* Exogenous growth model
* Growth accounting

**Data sets**

* Penn world tables, 1950 – 2019 [[Link](https://www.rug.nl/ggdc/productivity/pwt/)]

**Reading list**

Mankiw, N. Gregory, David Romer, and David N. Weil. "A Contribution to the Empirics of Economic Growth." The Quarterly Journal of Economics 107, no. 2 (1992): 407–437. (NBER Working Paper No. 3541). [Link]

Hall, Robert, and Charles I. Jones. "Why Do Some Countries Produce So Much More Output per Worker than Others?" The Quarterly Journal of Economics 114, no. 1 (1999): 83–116. [[Link](https://web.stanford.edu/~chadj/HallJonesQJE.pdf)]

Young, Alwyn. "The Tyranny of Numbers: Confronting the Statistical Realities of the East Asian Growth Experience." The Quarterly Journal of Economics 110, no. 3 (1995): 641–80. [[Link](https://www.jstor.org/stable/2946695)]

Solow, R., "A Contribution to the Theory of Economic Growth", Quarterly Journal of Economics, February, 1956. [[Link](http://piketty.pse.ens.fr/files/Solow1956.pdf)]

Barro, R. and X. Sala-i-Martin, "Convergence", Journal of Political Economy, April 1992. [[Link](https://dash.harvard.edu/bitstream/handle/1/3451299/Barro_Convergence.pdf)]

Caselli, F. G. Esquivel, and F. Lefort, "Reopening the Convergence Debate: A New Look at Cross-Country Growth Empirics", Journal of Economic Growth, September 1996. [[Link](https://personal.lse.ac.uk/casellif/papers/reopeni4.pdf)]