Data sources:

*Fiscal*

**Master Data Set**.  Public sector finances time series:  <https://www.ons.gov.uk/economy/governmentpublicsectorandtaxes/publicsectorfinance/datasets/publicsectorfinances>

(F1): Tax revenues £.  <https://www.ons.gov.uk/economy/governmentpublicsectorandtaxes/publicsectorfinance/timeseries/mf6r/pusf>

(F2): Public spending £. <https://www.ons.gov.uk/economy/governmentpublicsectorandtaxes/publicsectorfinance/timeseries/mf6u/pusf>

(F3): Deficit £.  <https://www.ons.gov.uk/economy/governmentpublicsectorandtaxes/publicsectorfinance/timeseries/anlv>

(F4): Deficit to GDP ratio.  <https://www.ons.gov.uk/economy/governmentpublicsectorandtaxes/publicsectorfinance/timeseries/jw2v>

(F5) Debt Level £.  <https://www.ons.gov.uk/economy/governmentpublicsectorandtaxes/publicsectorfinance/timeseries/bkqk/pusf>

(F6) Debt to GDP.  <https://www.ons.gov.uk/economy/governmentpublicsectorandtaxes/publicsectorfinance/timeseries/cpoa/pusf>

*Monetary*

(M1a, M1b): Broad money, ‘m4’. <http://www.bankofengland.co.uk/boeapps/iadb/index.asp?Travel=NIxSTxTAx&levels=1&XNotes=Y&G0Xtop.x=23&G0Xtop.y=10&C=1ER&C=JS3&XNotes2=Y&Nodes=X4190X39867X39927X39868X55885X68035X69424X69425X69427X69428&SectionRequired=A&HideNums=-1&ExtraInfo=false#BM>

(M2): Inflation. <https://www.ons.gov.uk/economy/inflationandpriceindices/timeseries/l55o/mm23>

(M3): Bank rate. <https://www.bankofengland.co.uk/boeapps/database/Bank-Rate.asp>

(M4): Nominal GDP. <https://www.ons.gov.uk/economy/grossdomesticproductgdp/timeseries/abmi/pn2>

(M5): USD to GBP. <https://www.ofx.com/en-gb/forex-news/historical-exchange-rates/yearly-average-rates/> (2017-2020) /

(M6): CB independence. <https://www.bankofengland.co.uk/-/media/boe/files/speech/2020/what-has-central-bank-independence-ever-done-for-us-speech-by-andy-haldane.pdf?la=en&hash=E89B59B9A236C37F6DCE94CDC567B38A52835813>

*Labour market*

(LM1): Unemployment.  <https://www.ons.gov.uk/employmentandlabourmarket/peoplenotinwork/unemployment/timeseries/mgsx/lms>

*Growth and productivity*

(GI1): GDP level. Real. <https://www.ons.gov.uk/economy/grossdomesticproductgdp/timeseries/abmi/pn2>

(GI2): GDP growth. Real.  <https://www.ons.gov.uk/economy/grossdomesticproductgdp/timeseries/ihyp/pn2>

(GI3): nDP per capita, level.  <https://www.ons.gov.uk/economy/grossdomesticproductgdp/timeseries/mwb6/ukea>

(GI4): Output per hour. <https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/labourproductivity/timeseries/lzvb/prdy>

(GI5): Government consumption. <https://www.ons.gov.uk/economy/grossdomesticproductgdp/timeseries/nmru/ukea>

New charts. Here are all the things I think we need to make this a “complete” macro picture.

* 1. Interest rates. Chart with:

                                                               i.      Bank Rate (we have this file) – M3

                                                             ii.      UK government bond (M7): <http://www.bankofengland.co.uk/boeapps/iadb/index.asp?Travel=NIxIRx&levels=1&XNotes=Y&G0Xtop.x=37&G0Xtop.y=10&C=7U9&XNotes2=Y&Nodes=X4051X4052X4053X4058X3687X3764X3765&SectionRequired=I&HideNums=-1&ExtraInfo=true#BM>

                                                           iii.      A PNFC bond. (i.e. a company bond) (M8): <https://www.bankofengland.co.uk/boeapps/database/fromshowcolumns.asp?Travel=NIxAZxSUx&FromSeries=1&ToSeries=50&DAT=RNG&FD=1&FM=Jan&FY=1963&TD=31&TM=Dec&TY=2021&FNY=Y&CSVF=TT&html.x=66&html.y=26&SeriesCodes=CFMBJ72&UsingCodes=Y&Filter=N&title=CFMBJ72&VPD=Y>

                                                           iv.      HH mortgage rate. (M9): <https://www.bankofengland.co.uk/boeapps/database/fromshowcolumns.asp?Travel=NIxAZxSUx&FromSeries=1&ToSeries=50&DAT=RNG&FD=1&FM=Jan&FY=2006&TD=31&TM=Dec&TY=2025&FNY=Y&CSVF=TT&html.x=66&html.y=26&SeriesCodes=CFMBX2D&UsingCodes=Y&Filter=N&title=CFMBX2D&VPD=Y>

* 1. Credit supply.

                                                               i.      Lending outstanding to firms.

                                                             ii.      Lending outstanding to households.

* 1. Trade. Current account.

                                                               i.      Exports and Imports. Goods and services. (i.e. 4 series). Stacked bar.

                                                             ii.      Current account.

* 1. Asset prices and wealth inequality.

                                                               i.      Here I am not 100% the best way to show, so this is one to do some digging on. Is there a chart of the share of wealth held by the top 10%?

* 1. New money.

                                                               i.      Bitcoin.  Over time. We have this.

                                                             ii.      Stable coin.  DAI, USDT (tether). Or similar.

* 1. Income inequality.

                                                               i.      GINI coefficient over time.

* 1. Labour market.

                                                               i.      Other employment measures.

* + - 1. Youth unemployment.
      2. Inactivity rate
      3. Employment rate.

                                                             ii.      Pay measures.

* + - 1. Men’s pay
      2. Women’s pay.

                                                           iii.     “Slack” measures.

* + - 1. Vacancies.

Green / carbon.  One done with the above, I would like to start on a “green” dashboard. We should have a read and brainstorm for what the metrics should be.