Economic Data Analyst

Full time
Mid-level

Fathom is a world-leading, independent consultancy with offices in London and New York. We specialise in macroeconomics, geopolitics and financial market research. We make it our business to challenge conventional thinking and to convey rigorous analysis in plain English, with feeling.

We are looking to add an experienced **economic data analyst** to our team of macroeconomists and data experts. The successful candidate would be based at our London office (and will have opportunities to work from home under a hybrid model of work).

As an experienced analyst you will help spearhead our efforts to manage large and complex datasets, design and build interactive dashboards and produce data visualisations across Fathom's consultancy and research products. As a core member of the data team you will have a good working knowledge of R and/or Python, and have a passion for data visualisation and for explaining complex data in intuitive ways.

The role best suits candidates who are both numerical and creative. We are looking for someone who can dig into a complex dataset to discover trends and patterns, while also being able to present insights in a creative and visually appealing manner. You should have a background in (or at least a keen interest in) economics, finance, or geopolitics. The role would suit someone quantitative who has a keen eye for detail, and who enjoys working with large datasets to solve problems in creative and novel ways.

Key responsibilities

As an experienced member of the data team you will be responsible for:

- Contributing your data expertise to consultancy projects (conception, data management, analysis, dashboarding, presentation and delivery)

- Working with data analysts and economists to build and maintain large databases

- Designing and developing interactive dashboards

- Ensuring quality of data visualisation across the company, including the creation of high-quality charts and visualisations for our research and consultancy work

- Helping with Fathom's Proprietary Indicators (including updates, process improvements, automation, and quality assurance)

- Working with the PR and Marketing team to create visualisations for Fathom's website and social media profiles

- Providing analytical support for Fathom's website and social media profiles to help determine marketing strategy

Essential skills

- A good working knowledge of **R** and/or **Python** for analysis and data visualisation

- Proficient using **Tableau Desktop**

- Experienced in **data visualisation** (or passionate to upskill in this area)

- Experience managing large and complex datasets

- **Microsoft Excel** at an intermediate to expert level

- A good working knowledge of **Visual Basic Applications (VBA)** in Excel

Desired skills

- Experience working with geolocated datasets and geospatial data (reading, manipulating, and plotting shapefiles in programs such as **R**, **QGIS**, and **Tableau Desktop**)

- Familiarity with extract, transform and load tools (**ETL**)

- Experience using **SQL**

- Experience using **Tableau Online**, **Tableau Prep Builder**, or **Tableau Public**

- Basic knowledge of **Adobe Illustrator**

- Familiarity with economic and financial data vendors, such as **Refinitiv Datastream**, **Eikon**, **CEIC**, **WIND**, **Bloomberg Terminal** or others

- Proficient using **Microsoft Office 365** applications

- Familiar with data visualisation principles

- Experience using other data visualisation tools such as **app.rawgraphs.io**, **datawrapper.de**, **Google Data Studio**, **D3**, **Highcharts**, **PowerBI**, etc.

Experience and qualifications

- 2-5 years of previous relevant work experience

- A degree in a relevant field, such as economics, finance, politics, international affairs, statistics (or other quantitative degrees) would be ideal, but other candidates with a keen interest in these fields will be considered

- Any relevant professional qualifications

Further information

Fathom is an equal opportunities employer. Please let us know if you require reasonable adjustments to be made throughout the recruitment process.

Fathom currently employs a homeworking policy which allows for a hybrid model of working, with approximately 50% of our time spent in the office and 50% working from home.

Successful candidates will be contacted by email/phone to arrange a first-round interview. Second-round interviews will involve a skills-based test.