COST AND EFFICIENCY · QUALITY AND OUTCOMES MEASUREMENT

Data Explorers

WHAT IT DOES

Our data explorers provide health and care organisations and systems with direct, secure data feeds that integrate with organisations' existing data visualisation platforms. Saving time and effort by delivering the complex analyses that executives, clinicians and managers need to make decisions about how they deliver services without the need to log into stand-alone tools.

Drawing on our extensive data library, with the addition of locally derived indicators at organisation level or system level, we can work with you to scope your custom data feed requirements. We will help you to identify the analyses, format, frequency and transfer mechanism you require.

WHAT IT DELIVERS

Our tools offer a range of analysis options, which can be used to continually mine hospital data and investigate variation in quality and efficiency.
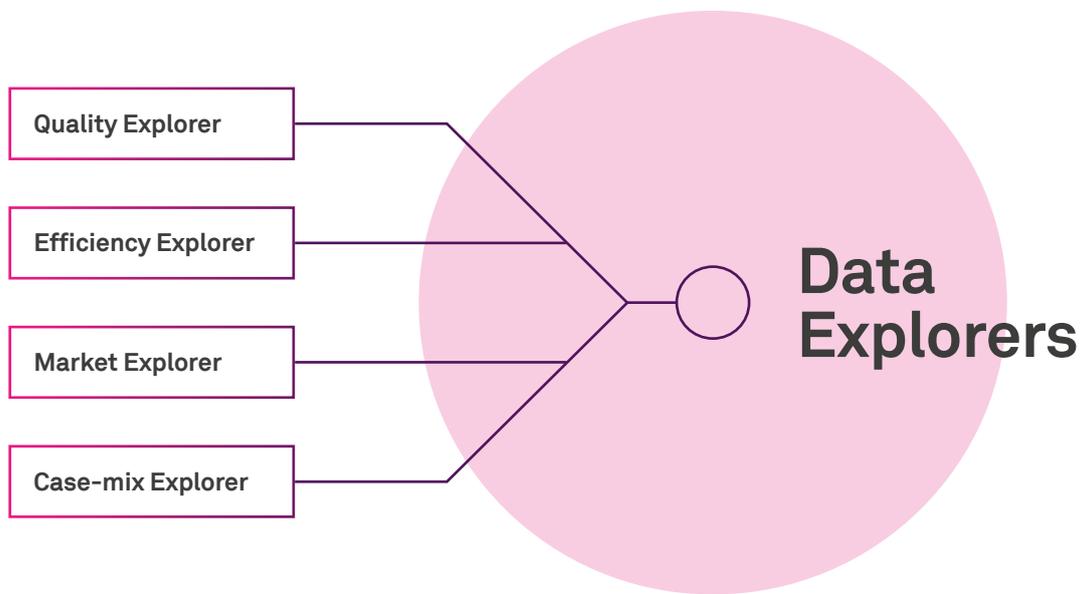
We can provide these analyses in our core data explorer feeds in line with your specific requirements, focused on your organisational challenges:

- **Quality Explorer**: includes metrics on mortality, long length of stay and emergency readmissions and more.

- **Efficiency Explorer**: includes metrics on length of stay, readmissions, follow up rates, did not attend rates and more.

- **Market Explorer**: includes market share activity across inpatient and outpatient, commissioner percentage of provider market, provider percentage of commissioner market and more.

- **Case-mix Explorer**: includes characteristics relevant to the case-mix adjustment factors and contextual information such as deprivation, age, gender, palliative coding and more.

We can aggregate the data at different levels according to your needs:

- **Organisation**: ideal for an aggregate 'scorecard' view of your organisation's performance.

- **Specialty/service**: ideal for directorate or specialty-level dashboard reporting.

- **Diagnosis group/procedure group/HRG**: ideal to investigate and refine your focus on variation in patient pathways.

Quality Explorer

Efficiency Explorer

Market Explorer

Case-mix Explorer

Data Explorers

BENEFITS

- ✓ Saves time and effort by packaging more complex analyses into standardised files delivered directly to you.

- ✓ Delivers data directly to your existing systems, optimised for your organisation's platforms – including PowerBI, Tableau, QlikView/Sense, or Business Objects.

- ✓ Offers flexibility in providing a solution tailored to your specific needs, delivering different datasets suitable for different teams within your organisation.

- ✓ Provides trusted data to underpin your decisions with ten years of English hospital data, updated every four weeks, together with access to national reference data such as deprivation.

ADVANCED SERVICES

With access to 10 years' worth of historical English hospital data, in addition we can offer risk prediction, risk stratification and clinical decision-making model development and deployment – including machine-learning techniques applied to data – to support forecasting, planning and monitoring.

We are investing in flexible ways to deploy our algorithms directly to your organisation's systems – utilising APIs, FHIR and Cloud technology.

We can optimise system data (including electronic patient record data) processes and linkage to improve the way increasingly accurate models can be applied.

HEALTH | **dr foster** ®