

## Re: Your request made under the Freedom of Information Act 2000

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For the following questions, we understand data analytics technology to mean software that aggregates and analyses data to identify patterns and deliver insights.

1) Does your data analytics software have the following capabilities:

- Machine learning **Yes**
- Artificial intelligence **Yes**
- Conversational interaction e.g. natural language interface **Yes**
- Open APIs **Yes**
- Mobile application **Yes**
- Near real time analysis **Yes**
- Interactive dashboards **Yes**

2) Please confirm whether data analytics technology is used in the following ways at your hospital:

- To access near real-time patient flow information **Yes**
- To forecast demand and resources required **Yes**
- To identify population health patterns and risk stratification **Further is clarity required**
- To manage purchasing levels of medical supplies **Further is clarity required**
- To inform patient diagnosis **Further is clarity required**
- To inform the creation of clinical pathways **Further is clarity required**
- To inform resource and recruitment **Further is clarity required**

3) Does your data analytics solution provide alerts for the following:

- Performance and compliance metrics **Yes**
- Key operational issues, e.g. emergency department demand **Yes**

4) Across how many different systems does your hospital hold data?

- 1-10
- 20-50
- 50-100
- **100-300**
- 300+