

Ref: FOI/GS/ID 6010

Please reply to:
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Trust Management
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Freedom of Information Act 2000

I am writing in response to your request for information made under the Freedom of Information Act 2000 in relation to Data analytics capabilities.

You asked:

- 1. Does your data analytics software have the following capabilities?*
 - a. Machine learning*
 - b. Artificial intelligence*
 - c. Conversational interaction e.g. natural language interface*
 - d. Open APIs*
 - e. Mobile application*
 - f. Near real time analysis*
 - g. Interactive dashboards*
- 2. Please confirm whether data analytics technology is used in the following ways at your hospital:*
 - a. To access near real-time patient flow information*
 - b. To forecast demand and resources required*
 - c. To identify population health patterns and risk stratification*
 - d. To manage purchasing levels of medical supplies*
 - e. To inform patient diagnosis*
 - f. To inform the creation of clinical pathways*
 - g. To inform resource and recruitment*
- 3. Does your data analytics solution provide alerts for the following?*
 - a. Performance and compliance metrics*
 - b. Key operational issues, e.g. emergency department demand*
- 4. Across how many different systems does your hospital hold data?*
 - a. 1-10*
 - b. 20-50*
 - c. 50-100*
 - d. 100-300*
 - e. 300+*

Trust response:

1.

- a. No
- b. No
- c. No
- d. No
- e. Yes
- f. Yes
- g. Yes

2.

- a. Yes
- b. Yes
- c. No
- d. No
- e. No
- f. No
- g. No

3.

- a. No
- b. No

4.

- a. 1-10
- b. 20-50
- c. 50-100
- d. 100-300
- e. 300+