

Corporate Analytics: The Innovation Journey

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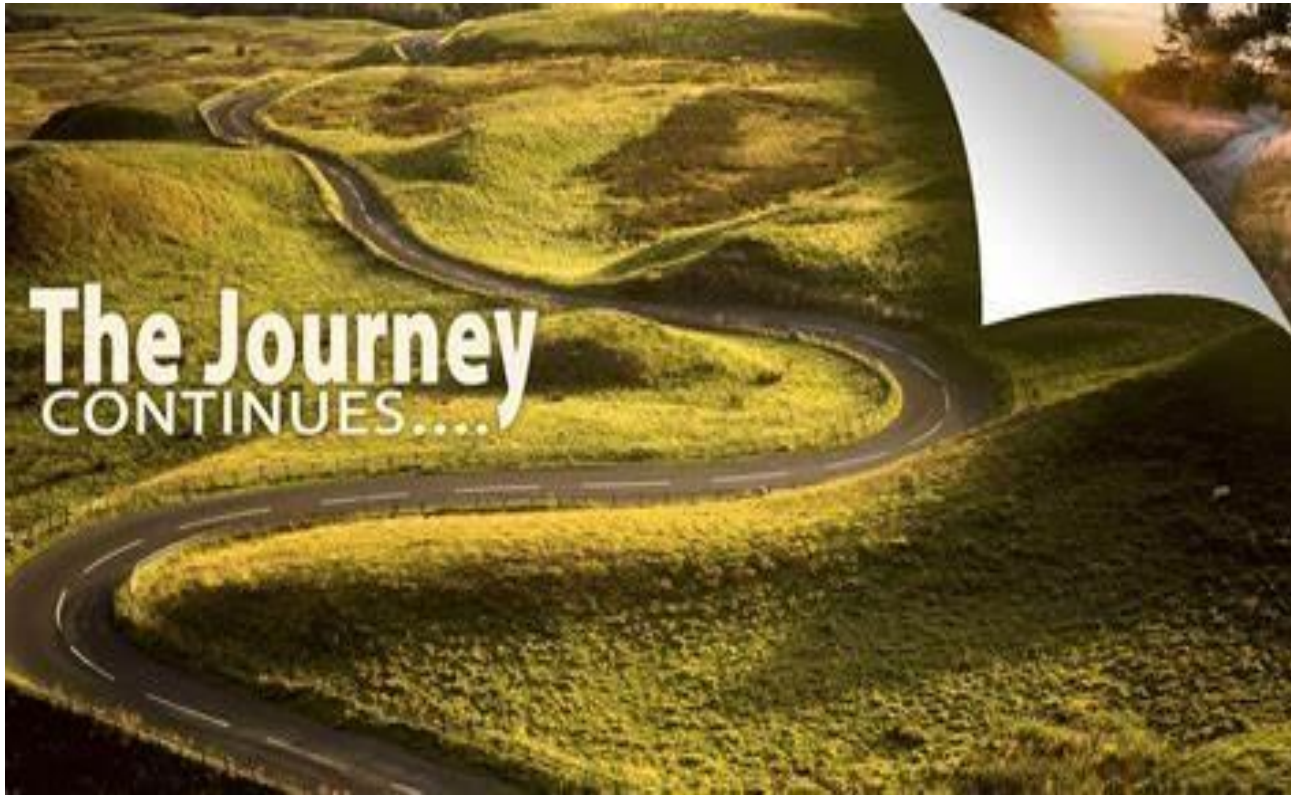
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NHS
WALES

Iechyd Cyhoeddus
Cymru
Public Health
Wales

Corporate Analytics: The Innovation Journey





Corporate Analytics: The Innovation Journey

Covid Response

- Corporate Analytics supported PHW through the Covid-19 pandemic with the development of a number of BI Solutions;
 - Workforce Mobilisation: Automated end to end process to re assign staff to other Health Boards and Departments within PHW.

6
Software packages

17
Data Sources

210k
Rows of Data

112
Requests processed

253
Staff Mobilised

9
Health Boards &
Trusts Supported

15
Locations

Staff Mobilisation
 Corporate Analytics

407
staff are currently selected

1. What Skills, Qualifications or Competencies will the staff require?

Skills & Knowledge

Qualifications

Competencies

Division

2. Workbase and distance staff should travel staff/PHW locations/Work base

3. Do staff hold a UK Drivers Licence and business insurance?

Work Base

Distance staff expected to travel

Null	229
Yes	129
No	50

4. Do staff have access to a vehicle?

Null	229
Yes	153
No	25

5. Caring Responsibilities

Null	229
No	100
Yes	79

6. Welsh Speaker

Proficient	183
Higher	20
Intermediate	13
Foundation	6
Entry	38
No Skills	147

7. How many staff do we need?
 Name

Corporate Analytics: Demo



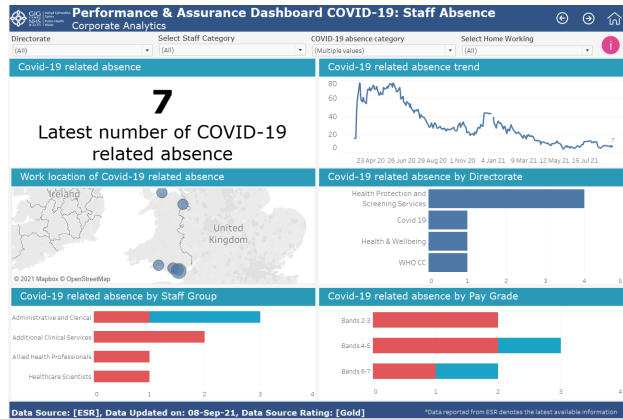
#actionableinsights

Corporate Analytics: The Innovation Journey

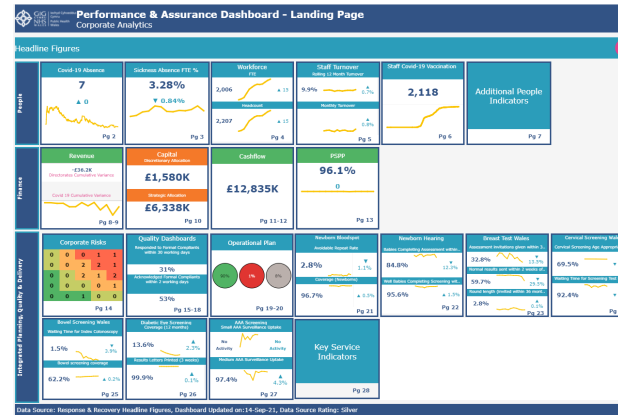
Improving Performance



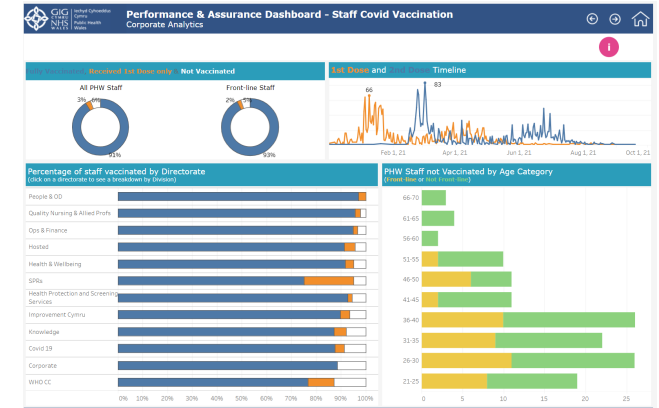
Covid Sickness Absence



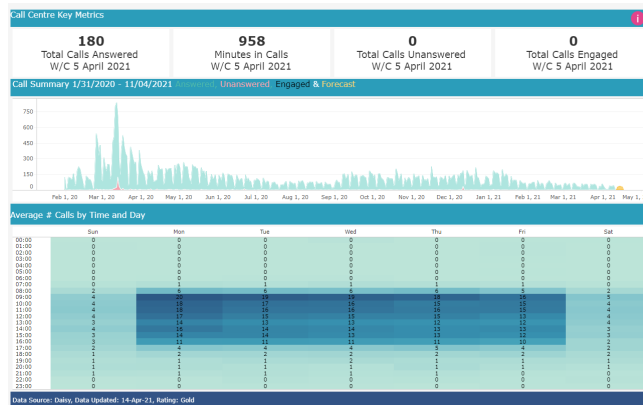
Performance & Assurance



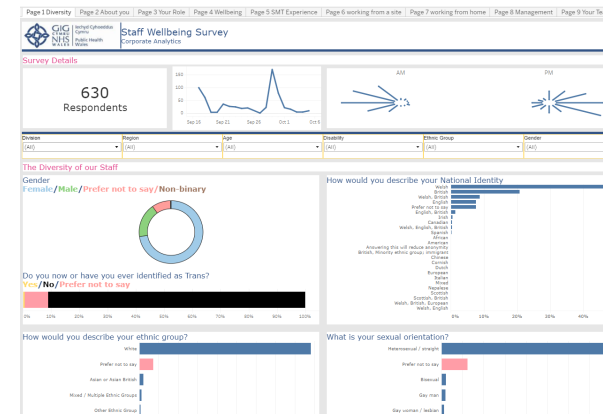
Staff Covid Vaccination



Call Centre Stats

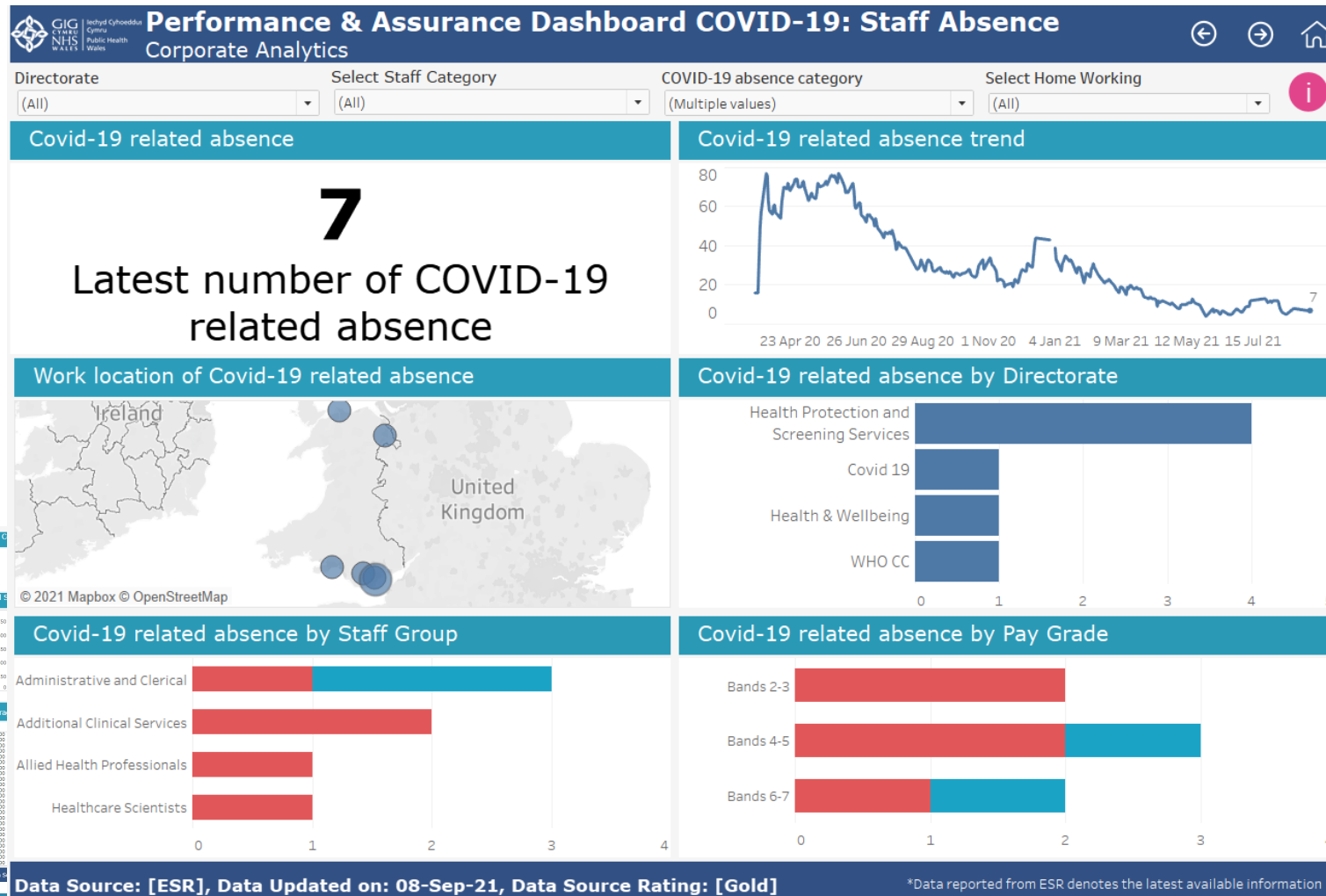


Staff Wellbeing Survey

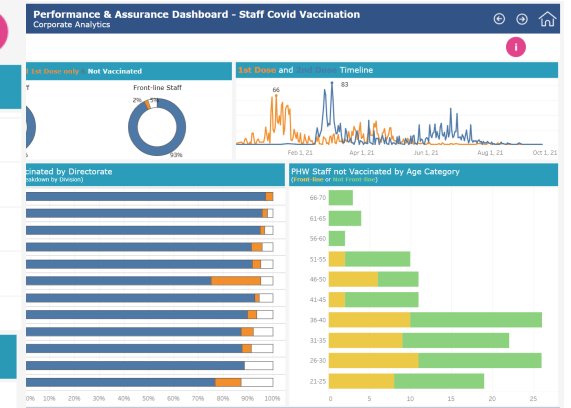


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Covid Sickness Absence



Staff Covid Vaccination

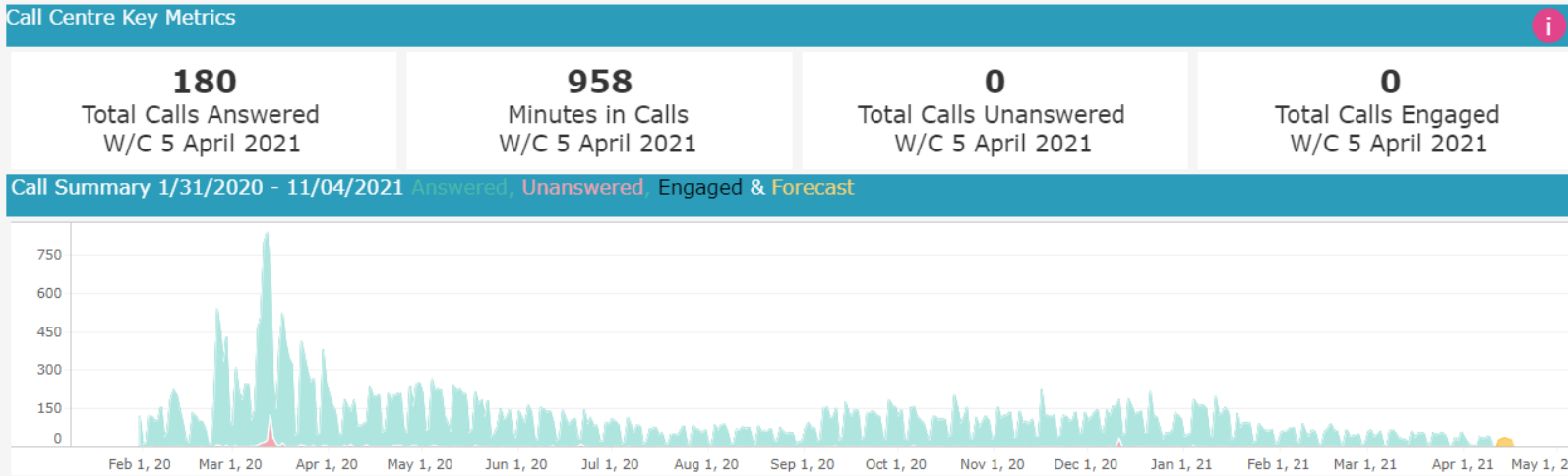
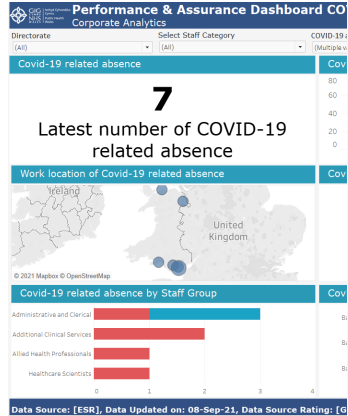


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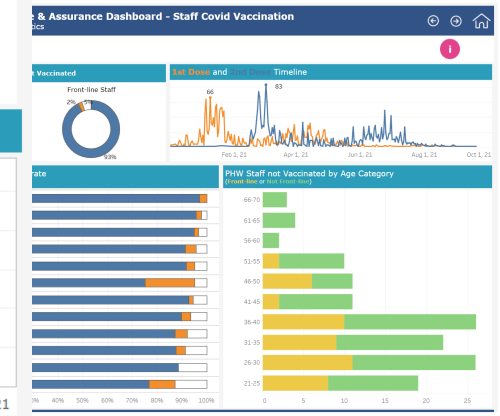
Call Centre Stats



Covid Sicknes



of Covid Vaccination



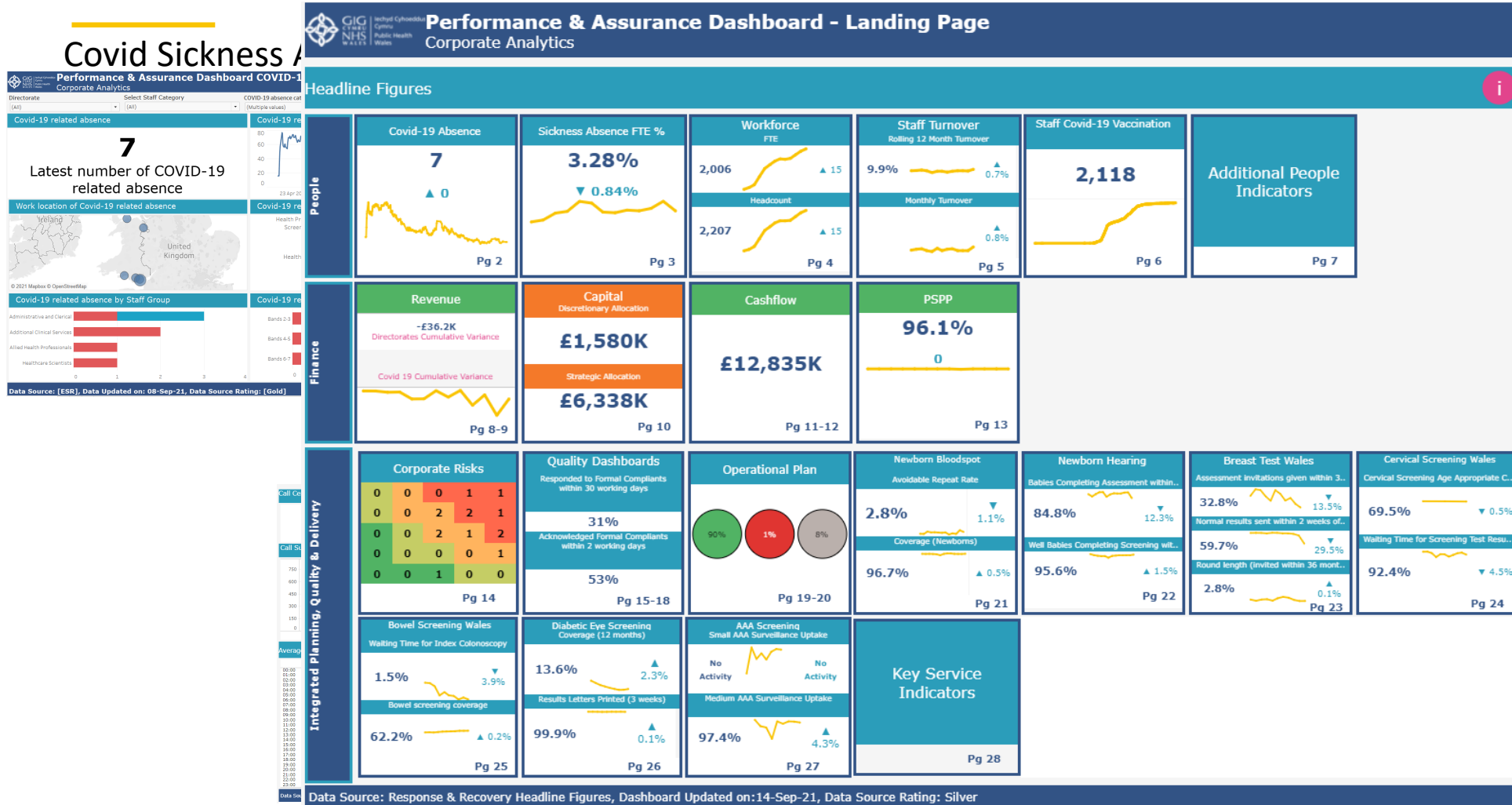
Average # Calls by Time and Day

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
00:00	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0
07:00	0	1	1	1	1	1	0
08:00	2	6	6	6	6	5	2
09:00	4	20	19	19	18	16	5
10:00	4	18	17	16	15	15	4
11:00	4	18	16	16	15	15	4
12:00	4	17	15	15	15	13	4
13:00	3	14	13	13	12	12	4
14:00	4	16	14	14	13	13	3
15:00	3	14	14	13	13	12	3
16:00	3	11	11	11	11	10	2
17:00	2	4	4	4	5	4	2
18:00	1	2	2	2	2	2	2
19:00	1	1	1	2	1	1	1
20:00	1	1	1	1	1	1	1
21:00	1	1	1	1	1	0	0
22:00	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0

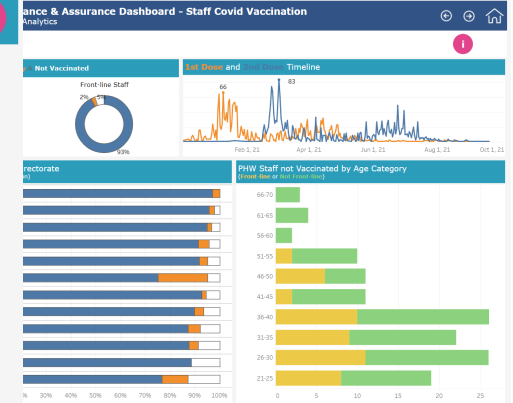
Data Source: Daisy, Data Updated: 14-Apr-21, Rating: Gold

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Performance & Assurance Dashboard

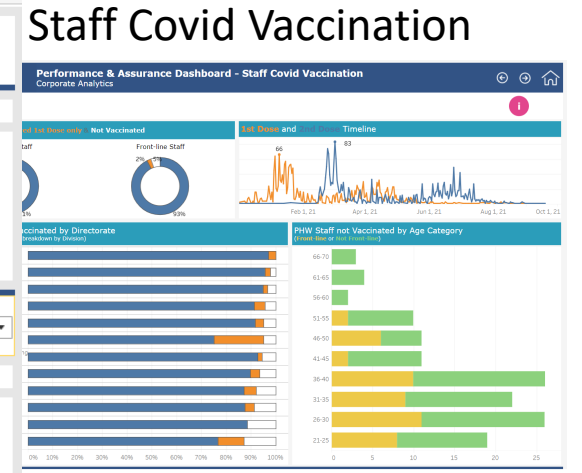
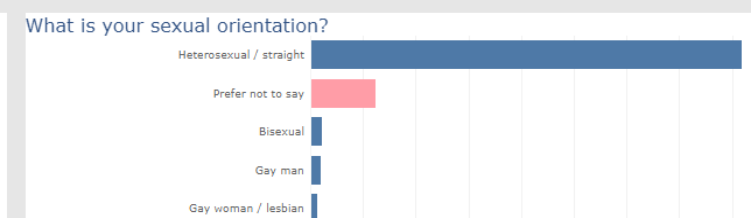
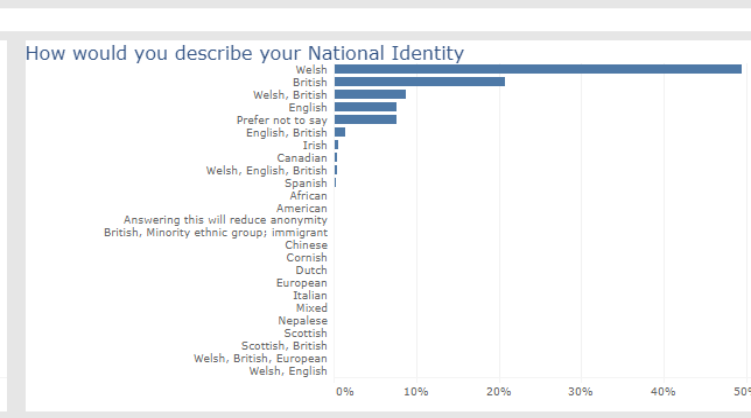
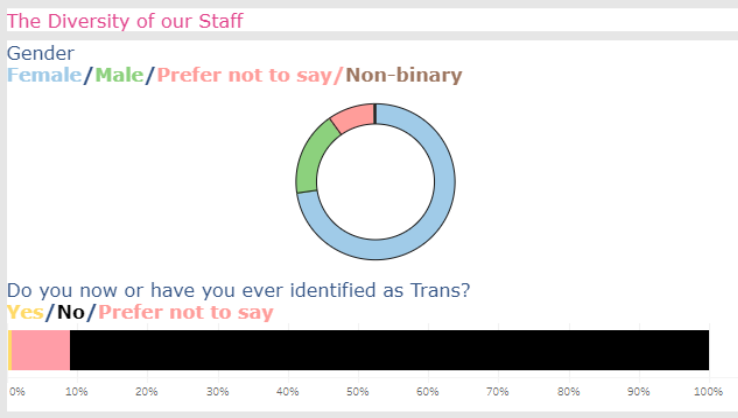
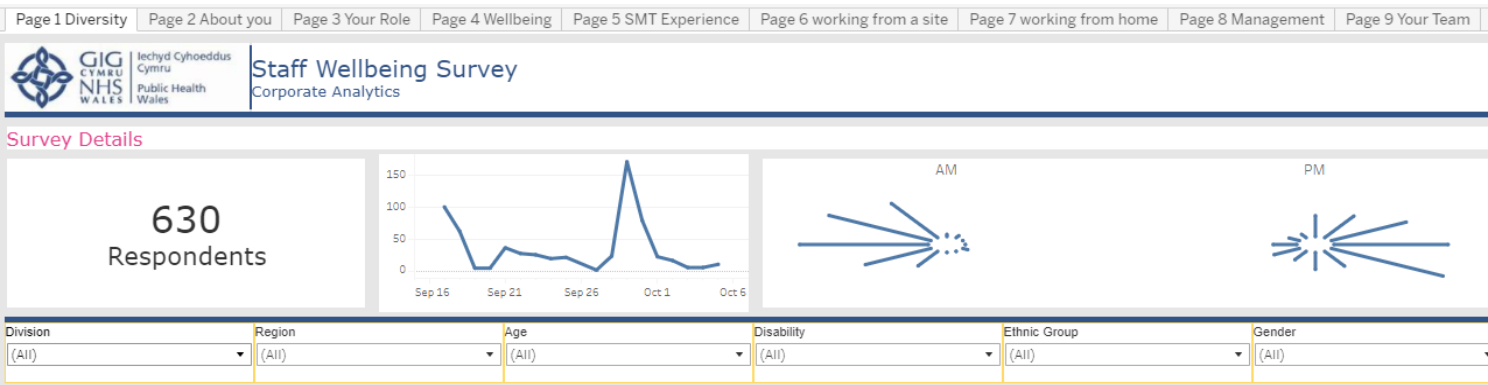
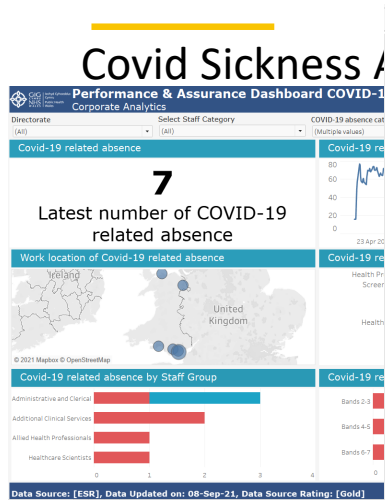


Staff Covid Vaccination



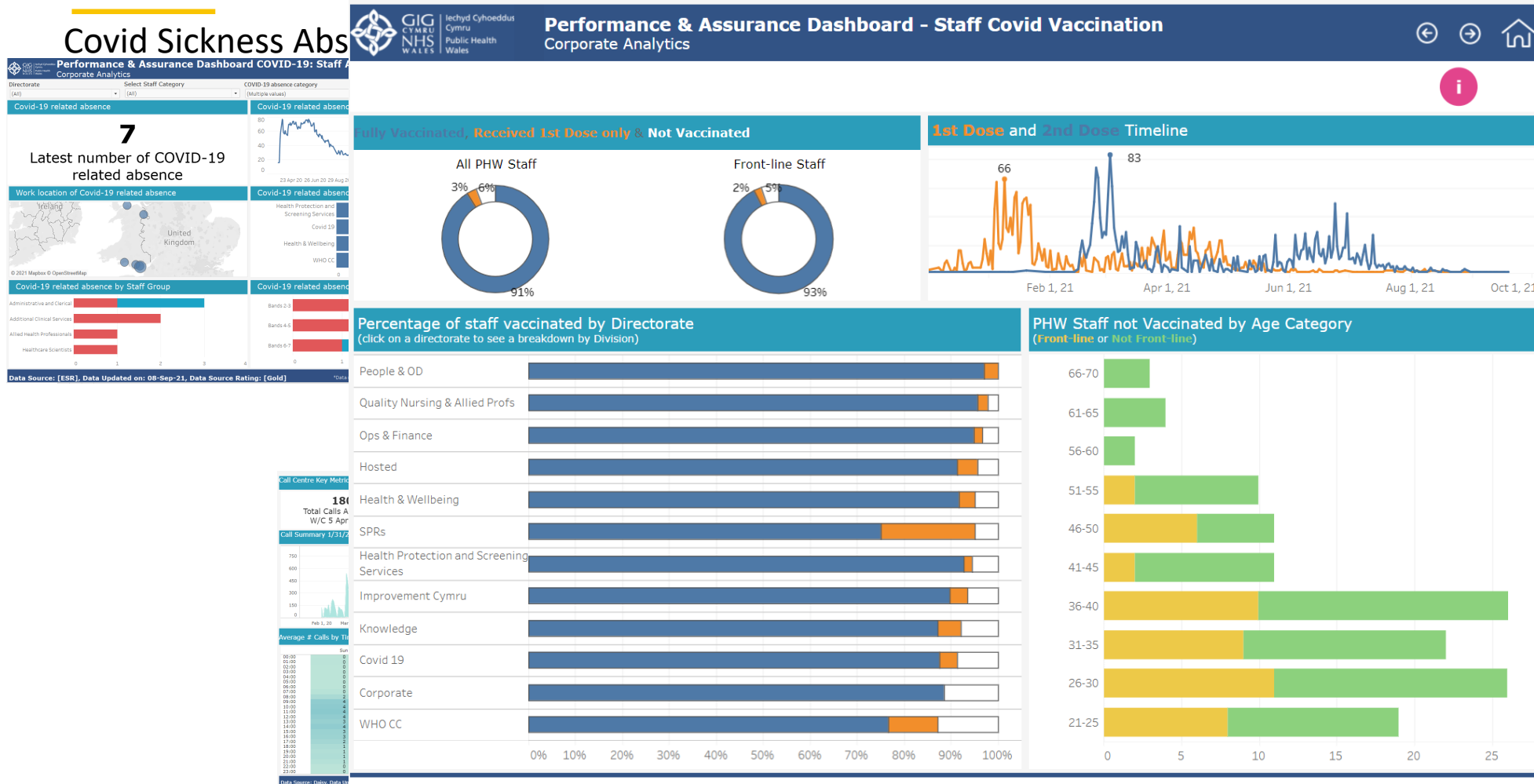
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Staff Wellbeing Survey



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Covid-19 Staff Vaccination



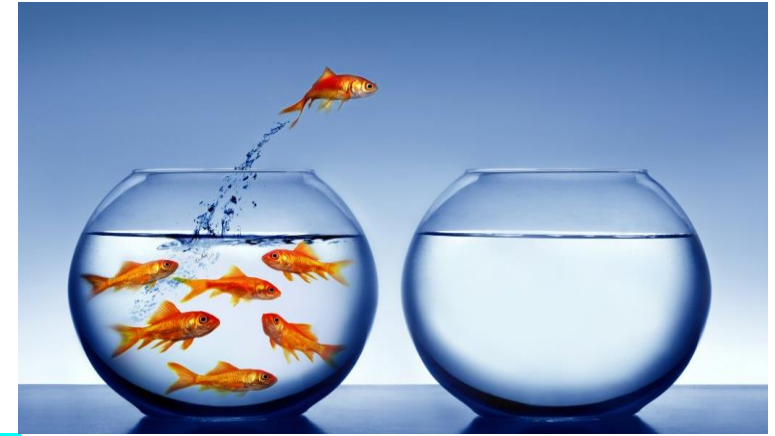
#actionableinsights

Alteryx Adoption Programme

Improvement Programmes in Finance



Experience
Capabilities of
Alteryx



Problem
Improve manual
processes



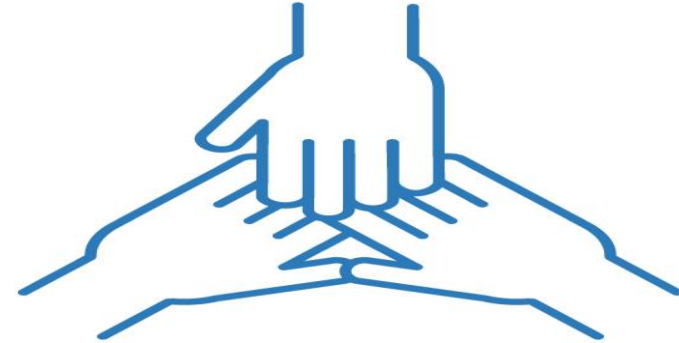
Opportunity
Access to Alteryx
Adoption
Programme

Challenges & Enablers



Challenges:

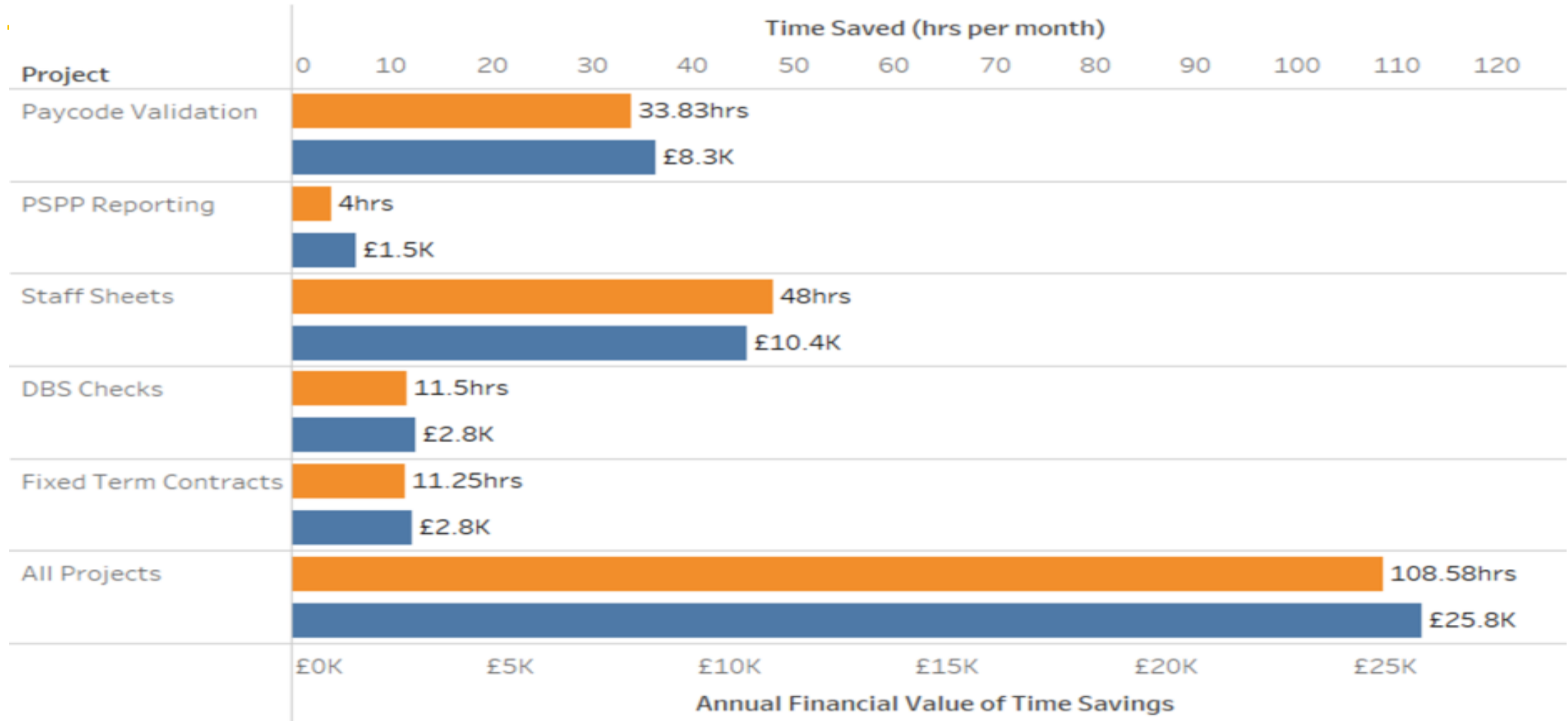
- Covid/Capacity
- Longer Term Plan
- Longer Term Affordability
- Change Management



Enablers:

- Covid
- Collaboration
- Understanding Our Business
- Staff Interest

Delivering Efficiencies



Outcomes & Next Steps



Time savings



Additional Finance Priorities



Finance Team Digital Performance Measures



**Reduction in errors
Improved data quality**



Wider PHW Organisation Opportunities



**Upskill staff;
Innovation mindset;
New digital tools available**

Corporate Analytics: The Innovation Journey

The art of the possible

Greater focus on
outcomes and
impact

Analysis,
Insights and
Integration

Delivering
efficiencies

Quality (data and
systems)

Developing our
community

Predictive analytics



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Public Health
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Corporate Analytics: The Innovation Journey

Building a growing community and partnerships



alteryx



tableau[®]
SOFTWARE



McLaren



Office for
National Statistics



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Addysg a Gwella Iechyd
Cymru (AaGIC)
Health Education and
Improvement Wales (HEIW)



CARDIFF
CAERDYDD



Archwilio Cymru
Audit Wales

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