References

Time series forecasting:

https://github.com/ajitsingh98/Time-Series-Analysis-and-Forecasting-with-Python/blob/master/Time Series Forecasting Traditional Methods.ipynb

CSS Sources:

Range slider creation: https://www.w3schools.com/howto/howto js rangeslider.asp

Button styling: https://www.w3schools.com/css/css3 buttons.asp

MAP API:

https://docs.mapbox.com/mapbox-ql-js/api/map/

MAP DATA LAYERS Reference:

https://deck.gl/docs/api-reference/layers/column-layer

Acknowledgement of the use of AI:

Name and version of the generative AI system used; ChatGPT-3.5

Publisher (company that made the AI system); OpenAI

https://chat.openai.com/

- GPT was used to debug and help with the writing of the time series forecasting code.
- All helped me to understand why the code was giving an error.
- GPT was used in order to troubleshoot some of the test codes and suggest ideas for more tests

Name and version of the generative AI system used; LocofyAI

Publisher (company that made the AI system); Locofy

https://www.locofy.ai/

- This AI was used to aid the conversion between our figma wireframes and the css/html structure of our pages. However, most of it was rewritten in the final product.

Data set attribution

https://data.london.gov.uk/dataset/modelled-estimates-of-recent-births

Creative Commons Attribution License (cc-by)

https://data.london.gov.uk/dataset/patients-registered-at-a-gp-practice

UK Open Government License V3

EVIDENCE OF TESTING:

```
test session starts
platform win32 -- Python 3.9.0, pytest-8.1.1, pluggy-1.4.0 rootdir: C:\Users\kajan\OneDrive\Documents\GitHub\Test project\comp0034-cw2g-group10
configfile: pyproject.toml
collected 33 items
test dashboard_app.py
DevTools listening on ws://127.0.0.1:61728/devtools/browser/284df4ae-fbd6-42c9-b1f5-7b57f459180e
DevTools listening on ws://127.0.0.1:61772/devtools/browser/d6d83c4b-b178-4dc3-9d0b-1df99594fe46
DevTools listening on ws://127.0.0.1:61833/devtools/browser/b132621f-f8e3-4a9a-9bef-46278ba1cd5d
DevTools listening on ws://127.0.0.1:61864/devtools/browser/05f32c2c-fc73-4324-aee1-8f98eab86a21
DevTools listening on ws://127.0.0.1:61933/devtools/browser/106461ff-76cc-475a-8706-2c71bbbabc1c
[11692:26316:0405/110548.689:ERROR:ssl_client_socket_impl.cc(970)] handshake failed; returned -1, SSL error code 1, net_error -100 [11692:26316:0405/110548.807:ERROR:ssl_client_socket_impl.cc(970)] handshake failed; returned -1, SSL error code 1, net_error -107
DevTools listening on ws://127.0.0.1:62015/devtools/browser/80865a57-7566-4568-b7c2-84a398c8e299
[23584:22692:0405/110603.404:ERROR:ssl_client_socket_impl.cc(970)] handshake failed; returned -1, SSL error code 1, net_error -100 [23584:22692:0405/110603.517:ERROR:ssl_client_socket_impl.cc(970)] handshake failed; returned -1, SSL error code 1, net_error -100
DevTools listening on ws://127.0.0.1:62086/devtools/browser/903c07d9-7316-484f-b622-ade06dacd46f
DevTools listening on ws://127.0.0.1:62155/devtools/browser/d4dc6f87-850d-4931-bce4-8a2ac3ff0405
[15436:18436:0405/110623.618:ERROR:ssl_client_socket_impl.cc(970)] handshake failed; returned -1, SSL error code 1, net_error -100
[15436:18436:0405/110623.843:ERROR:ssl_client_socket_impl.cc(970)] handshake failed; returned -1, SSL error code 1, net_error -107 [15436:18436:0405/110633.236:ERROR:ssl_client_socket_impl.cc(970)] handshake failed; returned -1, SSL error code 1, net_error -100
DevTools listening on ws://127.0.0.1:62228/devtools/browser/ccc0a9d9-7e1f-419b-8149-dfc2ladfaede
DevTools listening on ws://127.0.0.1:62296/devtools/browser/20071eef-6c85-4dfb-9fc1-c63a112342dd
DevTools listening on ws://127.0.0.1:62370/devtools/browser/12e4cd84-cdaf-4e38-8825-d1f8ca08e2a3
DevTools listening on ws://127.0.0.1:62440/devtools/browser/f8a38214-a928-4c21-ba76-8a5c8a1e5bbe
DevTools listening on ws://127.0.0.1:62509/devtools/browser/d80cc2de-e59d-4cad-8906-93671a3eb2e5
DevTools listening on ws://127.0.0.1:62578/devtools/browser/d3805d73-f21b-45ba-8403-e86a249b6d64
[18504:16040:0405/110727.386:ERROR:ssl_client_socket_impl.cc(970)] handshake failed; returned -1, SSL error code 1, net_error -100 [18504:16040:0405/110727.449:ERROR:ssl_client_socket_impl.cc(970)] handshake failed; returned -1, SSL error code 1, net_error -100
[18504:16040:0405/110740.872:ERROR:ssl_client_socket_impl.cc(970)] handshake failed; returned -1, SSL error code 1, net_error -107
DevTools listening on ws://127.0.0.1:62676/devtools/browser/1f3080f8-8146-48ae-93e9-814d9fe25ae1
[17080:25384:0405/110759.560:ERROR:ssl_client_socket_impl.cc(970)] handshake failed; returned -1, SSL error code 1, net_error -100 [17080:25384:0405/110759.631:ERROR:ssl_client_socket_impl.cc(970)] handshake failed; returned -1, SSL error code 1, net_error -107
evTools listening on ws://127.9.0.1:62778/devtools/browser/ceae7fc9-157a-4587-b788-bb0f53bf58a9
86266:26080:8008/130818.804:ERBCR:ssl_client_socket_impl.cc(970)] handshake falled; returned -1, SSL error code 1, net_error -100
85266:26408:8608/130818.80:F8CROR:ssl_client_socket_impl.cc(970)] handshake falled; returned -1, SSL error code 1, net_error -100
 vTools listening on ws://127.0.0.1:62857/devtools/browser/eea5f7lb-4eac-4876-839d-25bbcdd11903
760:1655:0405/110836.636:ERMOR:ssl_client_socket_impl.cc(970)] handshake failed; returned -1, SSL error code 1, net_error -100
760:1656:0405/110836.709:ERMOR:ssl_client_socket_impl.cc(970)] handshake failed; returned -1, SSL error code 1, net_error -100
evfools listening on ws://127.0.0.1:62936/devtools/browser/16e8a4df-fd39-44b8-bcb4-3428a5f6ba64
26116:11476:64085/118834.466:ERROR:ssl_client_socket_impl.cc(970)) handshake failed; returned -1, 5SL error code 1, net_error -100
26116:11476:64087/118834.436*ERROR:ssl_client_socket_impl.cc(970)) handshake failed; returned -1, 5SL error code 1, net_error -100
 vTools listening on ws://127.0.0.1:63033/devtools/browser/0f7bb629-12ef-4632-af7b-d17f25ad59bf
evTools listening on ws://127.0.0.1:63096/devtools/browser/f91a0304-0a43-4675-8dcb-a997854c2c8a
13080:7572:0405/110922.927:ERROR:ssl_client_socket_impl.cc(970)] handshake failed; returned -1, SSL error code 1, net_error -100
 vTools listening on ws://127.0.0.1:63171/devtools/browser/8b80ab6f-1b6e-4ce0-80a9-560af56867d9
 vTools listening on ws://127.0.0.1:63240/devtools/browser/le9cac38-6477-4cc5-8876-dc8e31e9bd34
 vTools listening on ws://127.0.0.1:63433/devtools/browser/c130fc10-8f86-4235-96df-81d42ceca065
evTools listening on ws://127.0.0.1:63495/devtools/browser/4699635b-d45a-478c-97e8-aa35bea040c7
 vTools listening on ws://127.0.0.1:63549/devtools/browser/32927551-57e0-416e-8cc7-ab77ba63d935
 Tools listening on ws://127.0.0.1:63603/devtools/browser/eecdebbb-acc7-48a0-96f3-a0a
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EVIDENCE OF TOML

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             notice] A new release of pip is available: 23.3.2 -> 24.0 notice] To update, run: python.exe -m pip install --upgrade pip 'S C:\Users\kajan\OneOrive\Documents\GitHub\Test project\comp0034-cw2g-group10> []
```