Bullet points for presentation:

* Machine learning prediction model loaded into Gradio – created user-friendly interface that makes interactive predictions
* Python code uploaded model using HDF5 (Hierachical Data Format version 5) - combination of Markdown, HTML code, and conditional statements for integrated styling
* Built interactivity with Gradio – based on user input, model makes prediction and displays confidence level
* Supplemental information provided with a likelihood of sleep disorder
* Hosted permanently via HuggingFace.co/Spaces

Summary for ReadMe:

Using the machine learning model trained by Daniel, the .h5 file was downloaded and then integrated into a Gradio environment. The purpose of the Gradio app is to provide an engaging, interactive experience for users to enter details and see the model make a prediction on whether they are at risk of developing a sleep disorder or not.

**Key Features:**

* **Function 1:** Accepts a user’s name input and greets them upon clicking the submit button
* **Function 2:** Recording user’s data and using values to make a prediction about the likelihood of developing a sleep disorder
* **Function 3:** Displays a message tailored to the result – conditional response based on result

**Dependencies Used:**

* TensorFlow
* Numpy
* Gradio

**Elements Included in App:**

* Gradio reactive interface format utilizing block structure
* JavaScript animation
* Predictive Machine Learning model
* Integrated Markdown and HTML code for styling purposes

**Deployment:**

* Hosted permanently on HuggingFace.co Spaces at the following link: https://huggingface.co/spaces/BDTurquoise/Sleep\_Disorder\_App

A disclaimer was used to guard against people mistaking the entertainment/educational value that the app provides for medical advice. All elements and data used in the app were cited according to normal standards. Permanent hosting was then created using the Hugging Faces Spaces site.