

## Testing the executed model:

### Inputs:

A screenshot of a web browser displaying the 'Flight Delay Prediction Model' form. The browser's address bar shows '127.0.0.1:5000/form'. The form has a dark blue header with 'Dashboard' and 'Logout' links. The main content area is a teal color with the title 'Flight Delay Prediction Model' in white. Below the title, there are several input fields with green borders and green text, each preceded by a label. The inputs are: Month (6), Day of the Month (25), Day of the week (2), Flight Number (2560), Origin Airport (SEA), Destination Airport (MSP), Planned Departure Time (1894), Planned Arrival Time (1600), and Estimated Traveling Time(mins) (197). At the bottom of the form is a large green button labeled 'Predict'.

Month: 6

Day of the Month: 25

Day of the week: 2

Flight Number: 2560

Origin Airport: SEA

Destination Airport: MSP

Planned Departure Time: 1894

Planned Arrival Time: 1600

Estimated Traveling Time(mins): 197

Predict

### Result:

A screenshot of a web browser displaying the 'Flight Delay Prediction Model' result page. The browser's address bar shows '127.0.0.1:5000/predict'. The page has a dark blue header with 'Dashboard' and 'Logout' links. The main content area is a teal color with the title 'Flight Delay Prediction Model' in white. Below the title, the text 'Delay in both flight departure and arrival is predicted to happen' is displayed in white.

Delay in both flight departure and arrival is predicted to happen

## Input:

A screenshot of a web browser showing the 'Flight Delay Prediction Model' input form. The browser's address bar shows '127.0.0.1:5000/form'. The page has a dark blue header with 'Dashboard' and 'Logout' links. The main content area is a teal color with the title 'Flight Delay Prediction Model' in white. Below the title, there are seven input fields, each with a label and a green input box. The inputs are: Month (8), Day of the Month (2), Day of the week (6), Flight Number (2560), Origin Airport (JFK), Destination Airport (ATL), Planned Departure Time (1894), Planned Arrival Time (1650), and Estimated Traveling Time(mins) (900). At the bottom, there is a large green button labeled 'Predict'.

Month: 8

Day of the Month: 2

Day of the week: 6

Flight Number: 2560

Origin Airport: JFK

Destination Airport: ATL

Planned Departure Time: 1894

Planned Arrival Time: 1650

Estimated Traveling Time(mins): 900

Predict

## Result:

A screenshot of a web browser showing the 'Flight Delay Prediction Model' result page. The browser's address bar shows '127.0.0.1:5000/predict'. The page has a dark blue header with 'Dashboard' and 'Logout' links. The main content area is a teal color with the title 'Flight Delay Prediction Model' in white. Below the title, there is a large white text box with the message 'No delay is predicted to happen. HAVE A NICE FLIGHT!!' in bold black text.

Flight Delay Prediction Model

No delay is predicted to happen. HAVE A NICE FLIGHT!!

## Inputs:

The screenshot shows a web browser window with the URL `127.0.0.1:5000/form`. The page has a dark header with "Dashboard" and "Logout" links. The main content area is titled "Flight Delay Prediction Model" and contains a form with the following inputs:

- Month: 1
- Day of the Month: 10
- Day of the week: 7
- Flight Number: 86
- Origin Airport: MSP (dropdown menu)
- Destination Airport: DWT (dropdown menu)
- Planned Departure Time: 1348
- Planned Arrival Time: 1632
- Estimated Traveling Time(mins): 104
- Predict button

## Output:

The screenshot shows a web browser window with the URL `127.0.0.1:5000/predict`. The page has a dark header with "Dashboard" and "Logout" links. The main content area is titled "Flight Delay Prediction Model" and displays the following output:

**Flight is predicted to get Cancelled!**