

## Streamlit App.py UI and Results

### (a) The Screenshot of the User Interface before Keying-in Data

The screenshot shows a web browser window displaying a Streamlit application titled "App - Streamlit" at the URL "localhost:8501". The browser's address bar and tabs are visible at the top. The application interface is divided into two main sections. On the left, a sidebar with a light blue background contains the heading "Sales Prediction" and two buttons: "About" and "About the sales prediction". The main content area on the right has a white background. It begins with the heading "Welcome to Sales Prediction Using Prophet" followed by the text "To help you know your future sales" and a small red checkmark icon. Below this is a large image of a hand holding a transparent sphere with the word "Future" in yellow, surrounded by various years. The lower part of the main area contains a form with the instruction "Enter the number of day(s)/Week(s) you want to predict, And the frequency as D for Daily or W for weekly". This form includes a text input field for frequency (with a hint "Frequency 'D' for Daily 'W' for weekly"), a numeric input field for the number of days/weeks (set to 0.00), and a "Predict your sales" button. At the bottom of the form is a section titled "Download Results as CSV" with a "Download results" button.

App - Streamlit

localhost:8501


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Sales Prediction

About

About the sales prediction

### Welcome to Sales Prediction Using Prophet

To help you know your future sales ...



Enter the number of day(s)/Week(s) you want to predict,  
And the frequency as D for Daily or W for weekly

Frequency 'D' for Daily 'W' for weekly

Number of day(s)/Week(s)

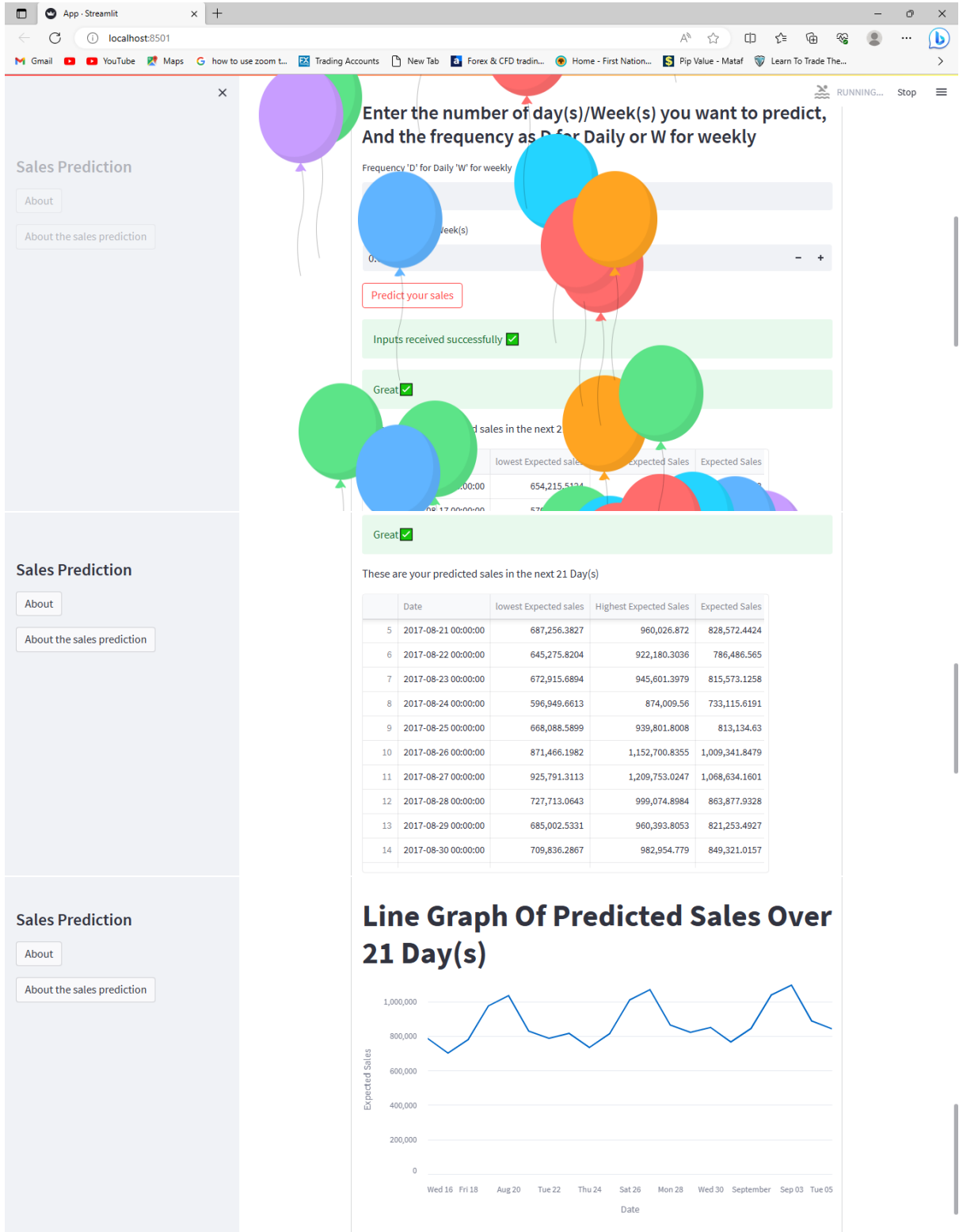
0.00

Predict your sales

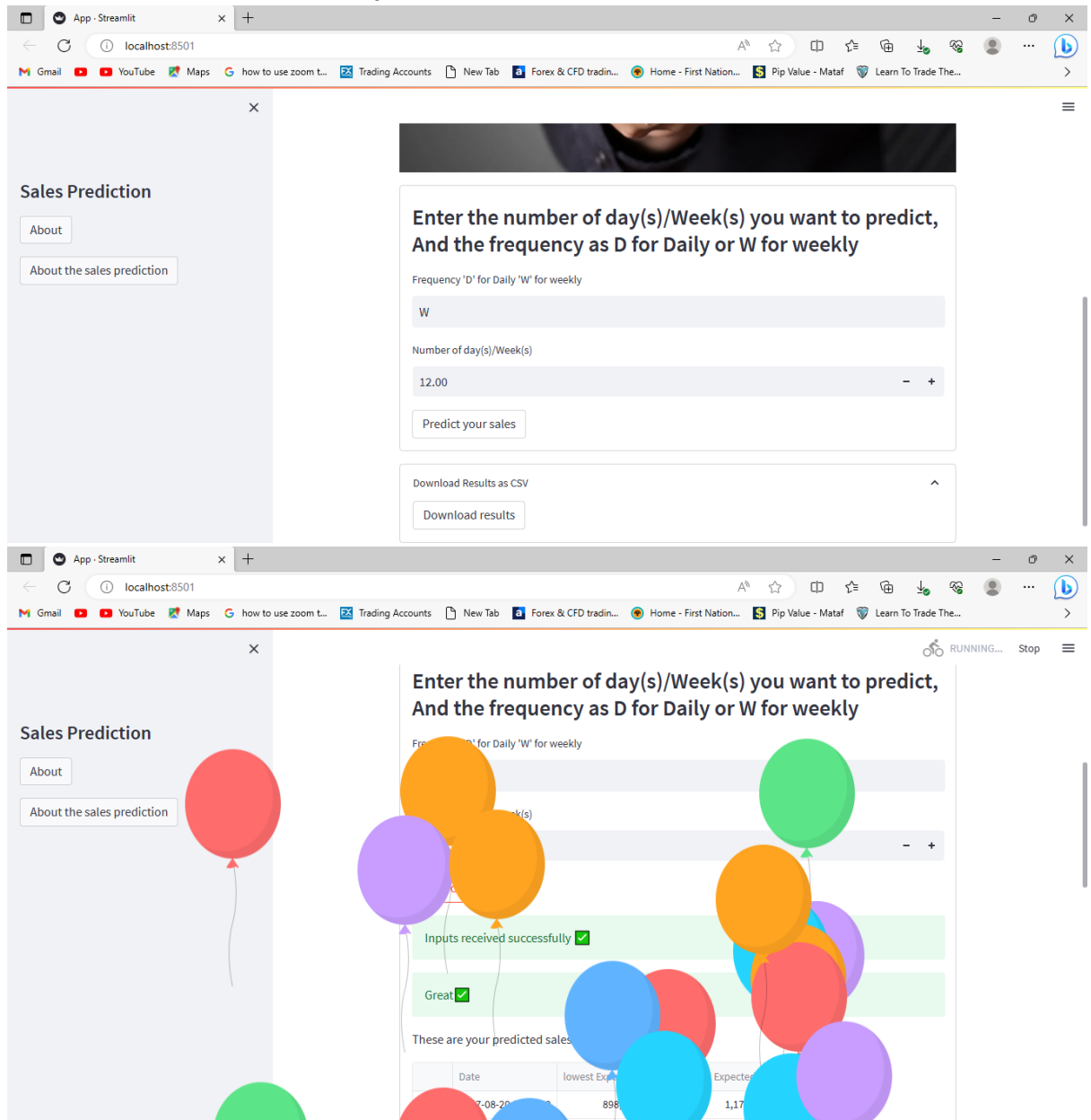
Download Results as CSV

Download results

(b) The screenshot with data to predict sales in 21 days



### (c) The screenshot with data to predict sales in 12 weeks



Sales Prediction

About

About the sales prediction

Sales Prediction

About

About the sales prediction

Great

These are your predicted sales in the next 12 Week(s)

	Date	lowest Expected sales	Highest Expected Sales	Expected Sales
0	2017-08-20 00:00:00	898,744.9832	1,173,183.31	1,033,304.5865
1	2017-08-27 00:00:00	940,563.182	1,203,012.1201	1,068,634.1601
2	2017-09-03 00:00:00	958,638.4967	1,233,077.1329	1,094,526.5479
3	2017-09-10 00:00:00	960,891.5088	1,245,860.1356	1,102,551.0104
4	2017-09-17 00:00:00	973,479.484	1,245,105.1542	1,103,931.3922
5	2017-09-24 00:00:00	968,532.5431	1,247,045.046	1,110,400.9122
6	2017-10-01 00:00:00	980,606.6318	1,265,675.9017	1,117,491.6352
7	2017-10-08 00:00:00	976,428.5498	1,253,635.5531	1,112,232.2106
8	2017-10-15 00:00:00	961,149.0905	1,229,457.3928	1,094,635.8277
9	2017-10-22 00:00:00	943,508.9507	1,223,359.6575	1,082,804.0981

Line Graph Of Predicted Sales Over 12 Week(s)

Download Results as CSV