
User Manual v1.0

User Manual for Domain Pulse

Ctrl Alt Defeat

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1 Introduction

1.1 What is Domain Pulse?

- First we need to understand what Sentiment analysis is , Sentiment analysis is the process of computationally identifying and categorizing opinions expressed in a piece of text, especially in order to determine whether the writer's attitude towards a particular topic, product, etc. is positive, negative, or neutral. Now in this being said we introduce Domain Pulse.
- Domain pulse is the ultimate sentiment analysis platform. It gathers and analyses online opinions about any domain, be it a business, a person, or more. With stunning visuals and easy-to-understand statistics, Domain Pulse helps you understand the online presence and sentiment for any domain.
- Domain Pulse presents the results in a visually stunning and easy-to-understand format. Our wide range of visualisations bring statistics to life, which make it a breeze to grasp the online presence and sentiment for any domain. Take control of understanding public opinion like never before with Domain Pulse.

1.2 Objectives of Domain Pulse

- The main objective of Domain Pulse is to provide a platform for users to analyse and gain valuable insight into the sentiment of any domain.

2 General access to the app

2.1 Logging into the app

- Simply add your email/username with which you registered with and your password and click on the blue 'login' button.
- Alternatively you can login with your Google account by clicking on the 'Sign in with Google' button.
- If you have forgotten your password, click on the 'Forgot Password?' link and follow the instructions.
- If you do not have an account, click on the 'Dont have an account?' link and register for an account using your chosen details.

2.2 Registering for an account

- To register for an account the following information will be required:
 - Username
 - Email address
 - Password
 - Confirmation of password
- Please enter the required information specified above in the relevant fields and click on the blue 'Register' button.
- If you already have an account , click on the 'Already have an account?' link and login with your registered details.

3 Dashboard

3.1 General overview

- The dashboard is the first page you will see when you log into the app.
- The dashboard will be the primary interactive page between the user and the app.
- A quick overview of the dashboard is as follows:
 - On the left hand side of the page you will see a blue side bar
 - On the top of the page you will see the list of sources for chosen domain
 - On the top right of the page are the actions that can be performed on certain components on the dashboard or the entire dashboard
 - The center console of the page is where the insights and statistics will be displayed
 - On the bottom left you will see all the relevant graphs and charts displaying the statistics of the chosen source
 - On the bottom right of the page is sample data
- A more detailed explanation of the dashboard will be given in the following sections

4 In-depth dashboard overview

4.1 Adding a Domain

- To add a domain expand the sidebar and while the side bar is expanded , click on the 'add a domain' button
- The add Domain modal will appear , enter a domain name of your choice in the field , a description of your chosen domain and a chosen image for your domain
- Domains will act as a 'folder' for your sources , so you can group sources together about a specific domain

4.2 Removing a domain

- To remove a domain expand the sidebar and while the side bar is expanded , click on the 'bin' button , this will remove the specified domain.

4.3 Editing a domain

- To edit a domain expand the sidebar and while the side bar is expanded , click on the 'edit' button , this will allow you to edit the name,description and image of the specified domain.

4.4 Adding a source

Navigate to the Select source bar at the top of the page:

- This is where you can select sources for a chosen domain
- Click on the blue 'plus' button to begin adding a source(show the plus button)
- Once the plus button is clicked , a modal will appear where you can add a source by entering the source name , choosing a source type(tested with Google reviews, Youtube and Tripadvisor) and entering the source URL. Once you have entered the relevant information , click on the blue 'Confirm' button to add the source to the chosen domain(show the modal)

4.5 Removing a source

- To remove a source , click on the source you would like to remove and click on the red bin button on the right hand side of the page

4.6 Refreshing a source or entire domain

- To refresh the data of a source or entire domain , click on the green refresh button on the right hand side of the page

4.7 Editing a source

- To edit a source , click on the source you would like to edit and click on the yellow edit button on the right hand side of the page , an edit source modal will allow you to edit the source name , source type and source URL of a chosen source. Once you have edited the relevant information , click on the blue 'Confirm' button to save the changes

4.8 Explanation of entire dashboard

- Blue sidebar on the left hand side of the page:
 - This is where you will be able to choose the domain you wish to generate statistics for (show the different domains in a photo)
 - This is where you can group sources together about a specific domain
 - When the sidebar is expanded , you can edit or remove a domain of your choice(show which button does what action)
 - At the bottom of the sidebar you can view and manage your profile which will be discussed further in the following section(show the profile modal before it is clicked on)
- Profile modal at the bottom of the expanded sidebar:
 - This is where you can view your profile information and perform relevant actions regarding your preferences and profile settings(have a picture of the expanded profile modal and show all buttons below)
 - The theme can be toggled from a light theme to a dark theme or vice versa by clicking on the 'Toggle Theme' button
 - You will be logged out of the app if you click on the 'Logout' button
 - You can change your password by clicking on the 'Change Password' button
 - * Once you have clicked on the 'Change Password' button , a modal will appear where you can enter your current password and your new password.Once you have entered the relevant information , click on the blue 'Confirm' button to change your password(show the modal)
 - You can delete your account by clicking on the 'Delete Account' button
 - If you would like to return to the dashboard , click the back arrow in the top left corner of the modal
- Select source bar at the top of the page:
 - This is where you can select sources for a chosen domain
 - Click on the blue 'plus' button to begin adding a source(show the plus button)
 - Once the plus button is clicked , a modal will appear where you can add a source by entering the source name , choosing a source type(tested with Google reviews,Youtube and Tripadvisor) and entering the source URL.Once you have entered the relevant information , click on the blue 'Confirm' button to add the source to the chosen domain(show the modal)
- Actions on the top right of the page:
 - The green refresh arrow will refresh the sources data to check if any new relevant information has been added to a source and update the statistics and insights(show button)

- The yellow edit button will allow you to edit a source with an edit source modal(show button before and after click)
 - * The edit source modal will allow you to edit the source name , source type and source URL of a chosen source. Once you have edited the relevant information , click on the blue 'Confirm' button to save the changes(show modal)
- The red delete button will delete the highlighted source from the chosen domain(show button)
- inspect button????????????????????
- Center console of the page:
 - This is where the insights and statistics will be displayed
 - Starting on the left hand side of the center console:
 - * The first Statistic displayed is the overall score which is the ratio of positive and negative sentiment of a chosen domain , the higher the score the more positive the sentiment and vice versa
 - * Next is the amount of positive,negative and neutral sentiment of a chosen domain which are represented in percentages, the higher the percentage the more that sentiment is present in the chosen domain.
 - * The Emotion block of the center console is the most prevalent emotion of a chosen domain , the emotions detectable are anger,disgust,fear,joy,neutral sadness and surprise.
 - * The toxicity block analysis aims to assess the level of harmfulness or offensiveness in the text and classify it accordingly.
 - * The analysed block is the amount of sentiment that has been analysed in a chosen domain.
 - * Finally the range block is the timeframe in which the data has been collected to calculate the statistics and insights.
- Graphs and charts on the bottom left of the page:
 - The graphs shown are graphical representations of the statistics and insights shown in the center console of the page.
 - clicking on the arrows on the left and right of the graphs will allow you to view the graphs of the previous and next statistic respectively.
- Sample data on the bottom right of the page:
 - This is where you can view sample data of a chosen domain.
 - To view the sample data just scroll up or down to view the data.