



Domain Pulse

User Manual



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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, with 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.

How can you make use of Domain Pulse?

Domain Pulse caters for a wide variety of potential use cases so that you can make the most of your online presence and potential. Here are a few common use cases:

- Product research
- Brand management
- Advertisement Analysis
- Personal brand analysis
- Scientific research
- Sentiment aggregation
- Customer feedback analysis
- Social media monitoring
- Market trend analysis
- Political analysis
- Product launch assessment
- Competitor analysis



2 General access to the app

2.1 Logging into the app

A screenshot of the Domain Pulse login page. The page features a large, abstract graphic on the right side composed of overlapping blue and purple circles. At the top left is the Domain Pulse logo and name. Below it, a call-to-action button says "Get started by logging in!". To its right is a three-step numbered guide: 1. A "Username" input field; 2. A "Password" input field with a "Forgot your password?" link below it; and 3. A blue "Log In" button. At the bottom left is a "Don't have an account?" link.

While you are on the log in page:

1. Simply add your username with which you registered with and your password and click on the blue '*login*' button.
2. If you have forgotten your password, click on the '*Forgot Password?*' link and follow the instructions.
3. 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

The image shows a registration form for 'Domain Pulse'. At the top left is the 'Domain Pulse' logo. Below it, the text 'Get started by Registering!' is displayed. The form consists of four input fields: 'Username', 'Email', 'Password', and 'Confirm Password'. To the left of the first two fields is a blue circle containing the number '1'. To the left of the last two fields is a blue circle containing the number '2'. A blue line connects the '1' circle to the 'Username' field and the '2' circle to the 'Confirm Password' field. Below the fields is a blue 'Register' button. At the bottom left of the form is the text 'Already have an account?'. To the right of the form is a decorative graphic of overlapping circles in shades of blue and purple.

1

2

Username

Email

Password

Confirm Password

Register

Already have an account?

To register for an account the following information will be required:

- Username
- Email address
- Password
- Confirmation of password

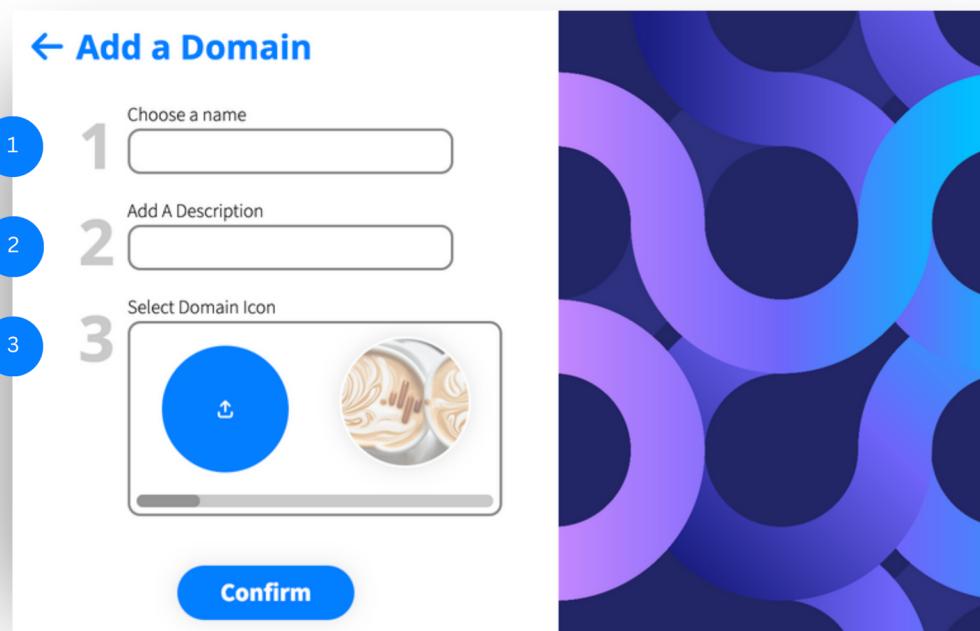
1. Please enter the required information specified above in the relevant fields
2. Click on the blue 'Register' button.

If you already have an account, click on the '*Already have an account?*' link and login with your registered details.



3 Domain Management

3.1 Adding a Domain



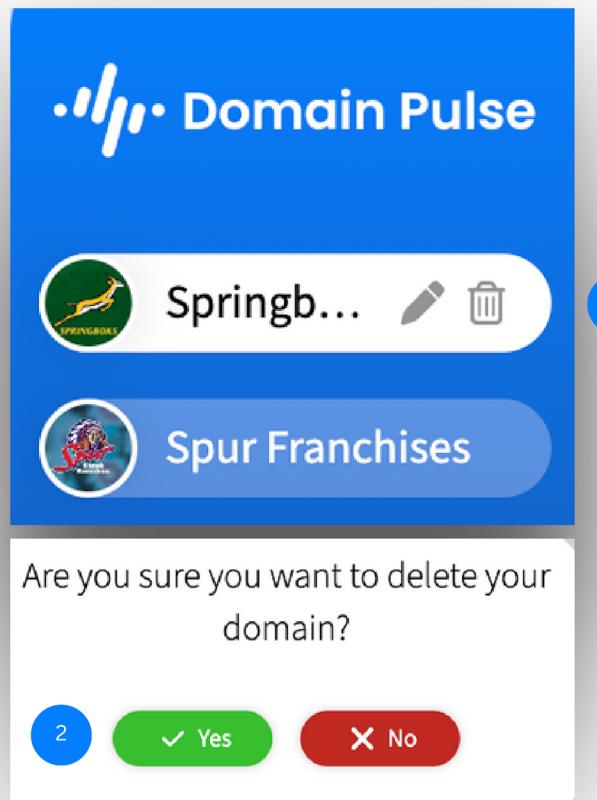
To add a domain expand the sidebar and while the side bar is expanded, click on the 'add a domain' button.

1. The add Domain modal will appear, enter a domain name of your choice in the field.
2. A description of your chosen domain.
3. 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.



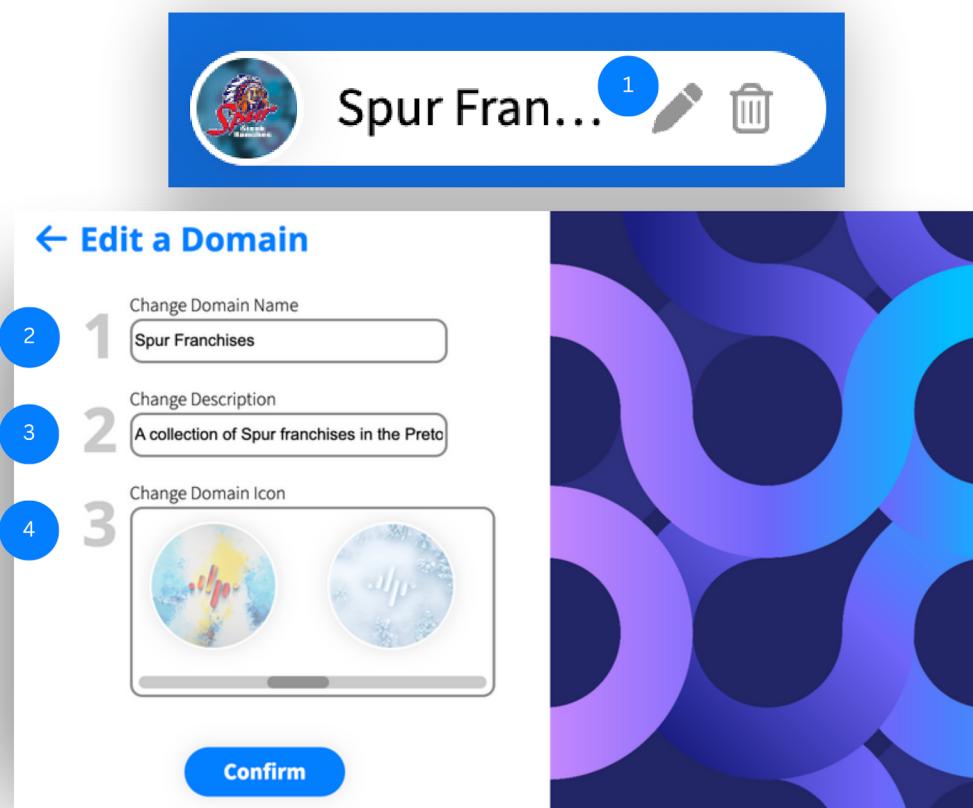
3.2 Removing a Domain



1. To remove a domain expand the sidebar and while the side bar is expanded, click on the 'bin' icon, this will cause a pop-up modal to appear
2. The removal of the specified domain will occur after confirmation from the user.



3.3 Editing a Domain



To edit a domain expand the sidebar and while the side bar is expanded:

1. Click on the 'edit' button which is the pencil icon.
2. This will allow you to edit the name
3. This will allow you to change the description
4. Will allow you to change the image of the specified domain.



3.4 Adding a Source

← Add a Source

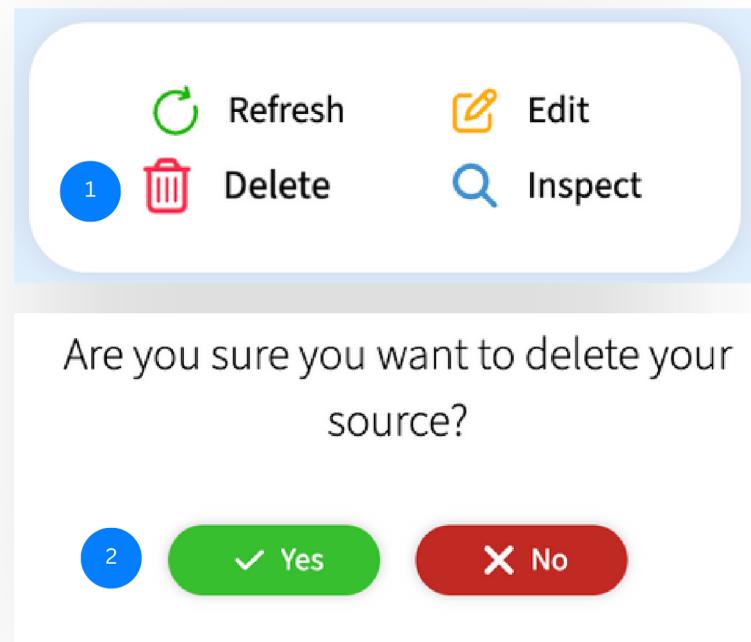
- 1 Source Name:
- 2 Source Type:
Google Reviews TripAdvisor YouTube
- 3 Source url:
- 4
- 5 Confirm

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

1. Click on the blue 'plus' button to begin adding a source.
2. Add Source name.
3. Choose between the tested sources (Google reviews, TripAdvisor and Youtube).
4. Add a source URL, for Youtube add a link to a youtube video, for Tripadvisor add a link to a tripadvisor domain, for Google Reviews add a link to a google maps location.
5. Click confirm to save source.



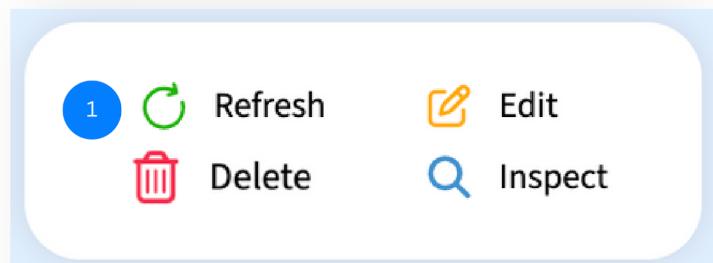
3.5 Removing a Source



1. To remove a source, click on the source you would like to remove and click on the red bin button
2. The source will be removed after confirmation from the user



3.6 Refreshing a source



1. To refresh the data of a source, click on the green refresh button on the right hand side of the page



3.7 Editing a Source

[← Edit a Source](#)

Source Name:

Source url:

3 **Confirm**



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 appear.

1. Edit the name of the source.
2. Edit the source URL of a chosen source.
3. Once you have edited the relevant information, click on the blue 'Confirm' button to save the changes

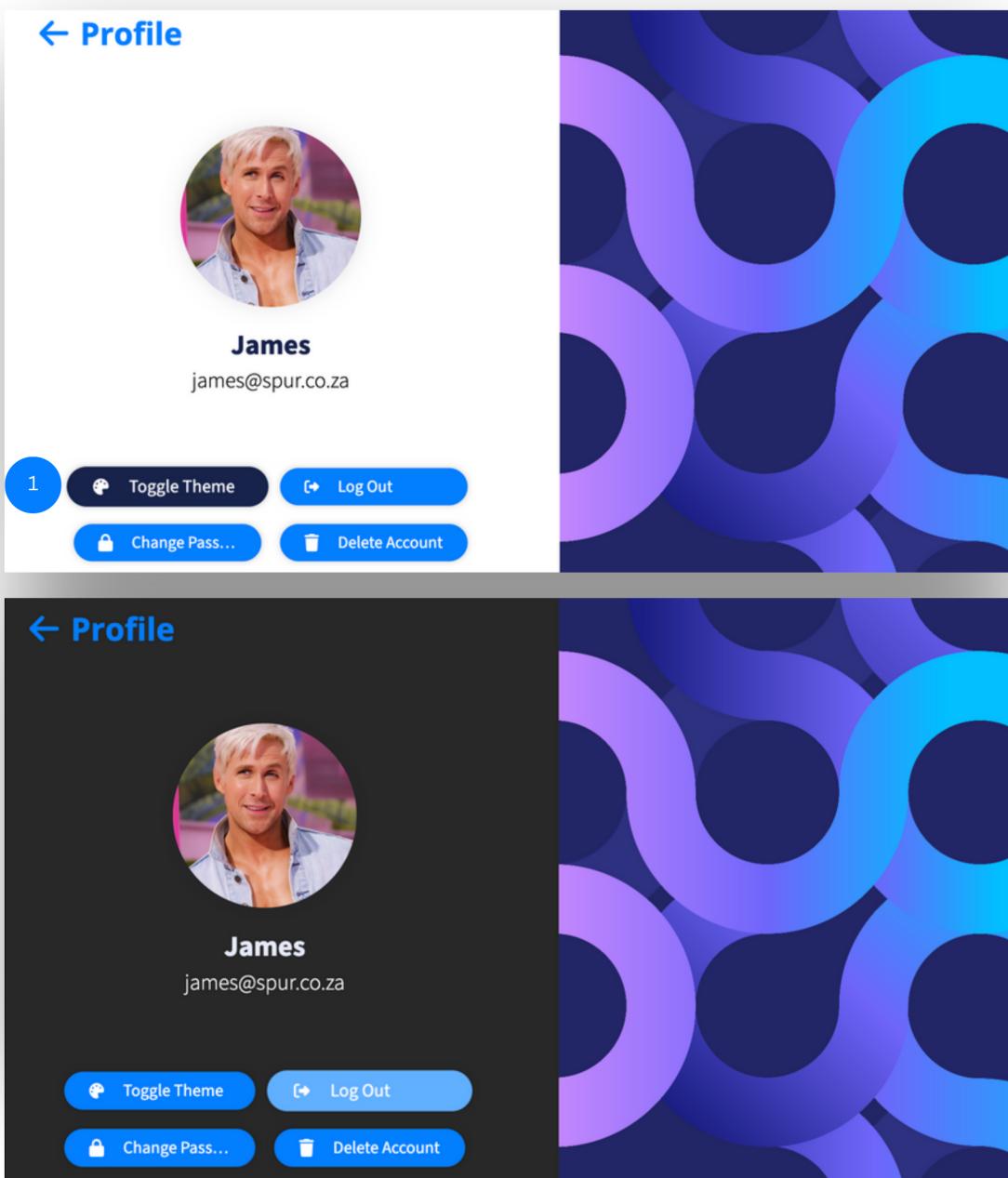


4 Profile Management

4.1 Toggling a Theme

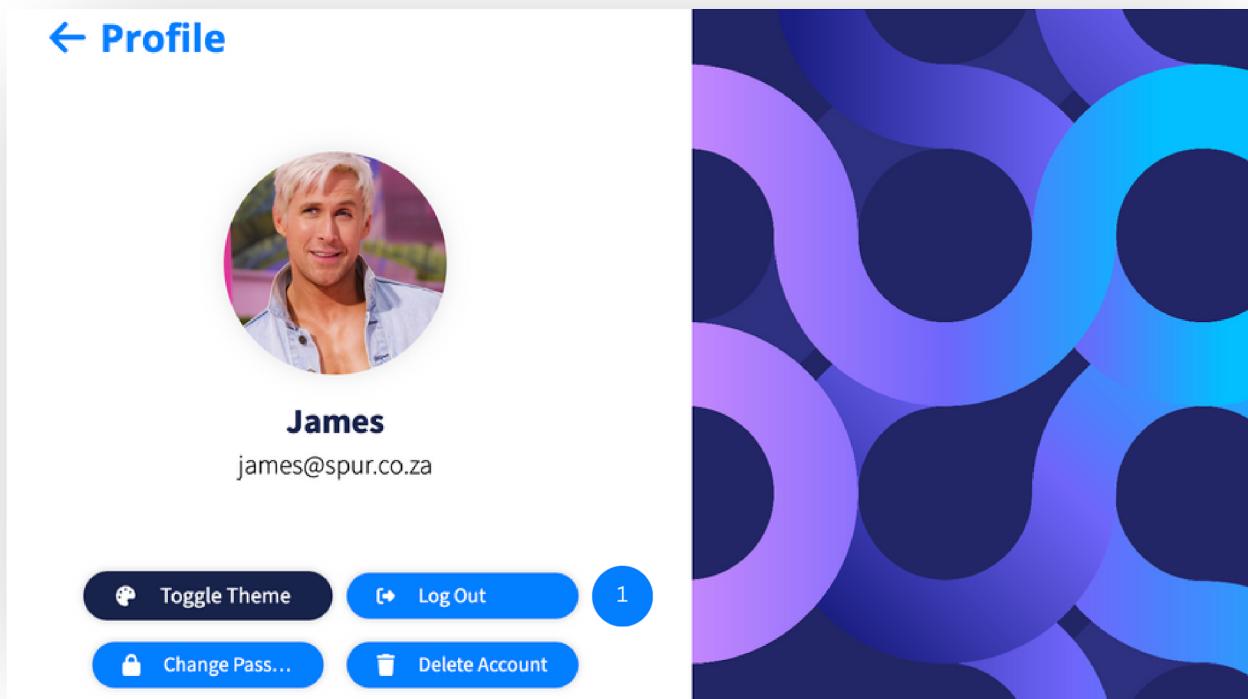
To toggle a theme, click on the profile icon at the bottom of the sidebar, a profile modal will appear

1. Click on the 'Toggle Theme' button to toggle between a light and dark theme





4.2 Logging out



A screenshot of a mobile application's profile screen. At the top left is a blue arrow pointing left next to the text "← Profile". Below this is a circular profile picture of a man with blonde hair. Underneath the picture, the name "James" is displayed in bold black text, followed by the email address "james@spur.co.za". At the bottom of the screen are several buttons: "Toggle Theme" (dark blue background), "Log Out" (light blue background with a user icon), a notification badge "1" (blue circle with white number), "Change Pass..." (light blue background with a lock icon), and "Delete Account" (light blue background with a trash can icon). To the right of the profile screen is a decorative graphic of overlapping circles in shades of purple, blue, and dark blue.

1. To log out, click on the profile icon at the bottom of the sidebar, a profile modal will appear, click on the 'Log out' button to log out of the app



4.3 Change Password

← Change Password

1 Confirm Old Password

2 New Password

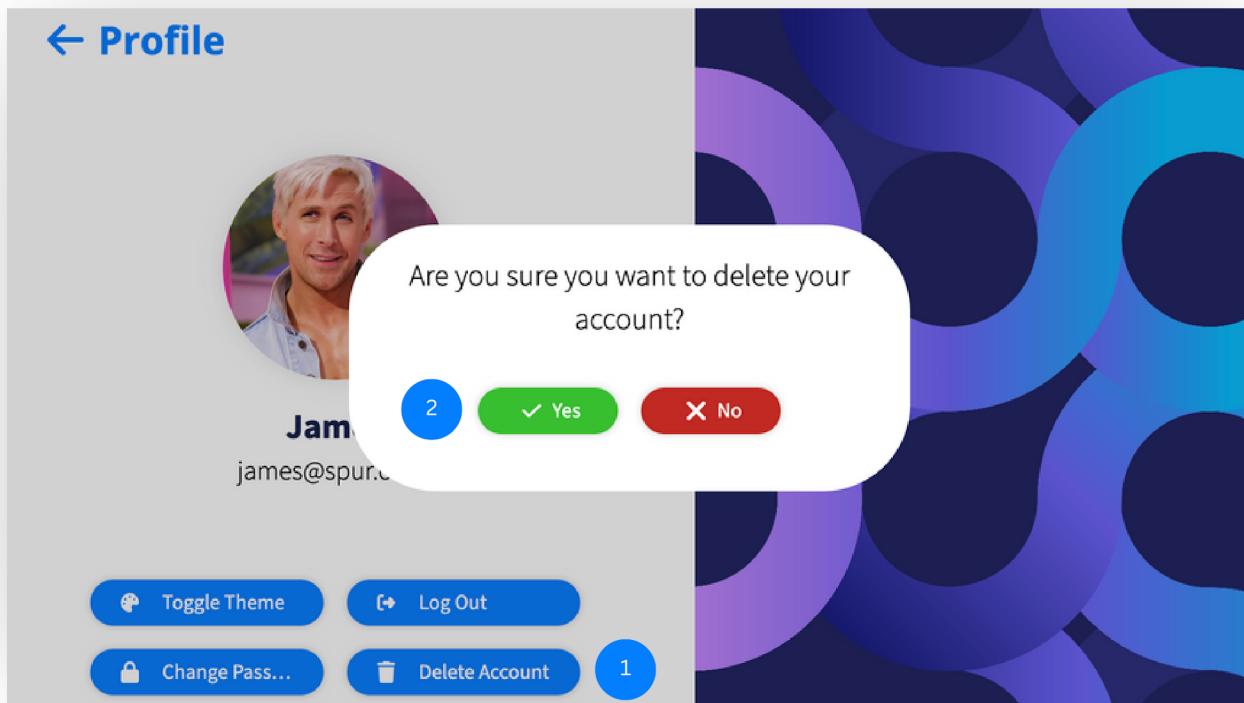
3 Confirm

To change your password, click on the profile icon at the bottom of the sidebar, a profile modal will appear, click on the 'Change Password' button to change your password. Another pop up modal will appear.

1. Enter your current password
2. Enter your new password
3. Once you have entered the relevant information, click on the blue 'Confirm' button to save the changes

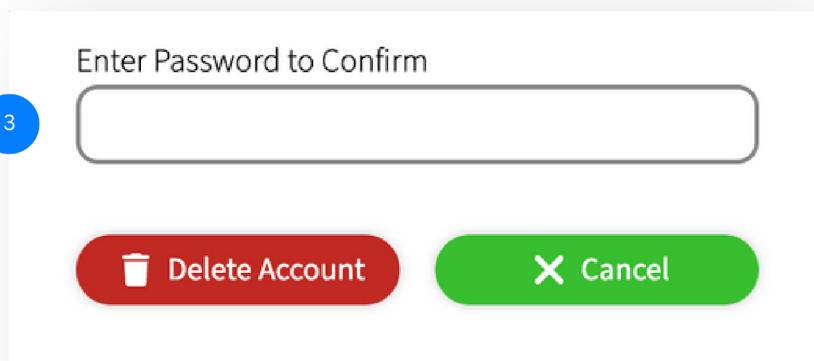


4.4 Delete account



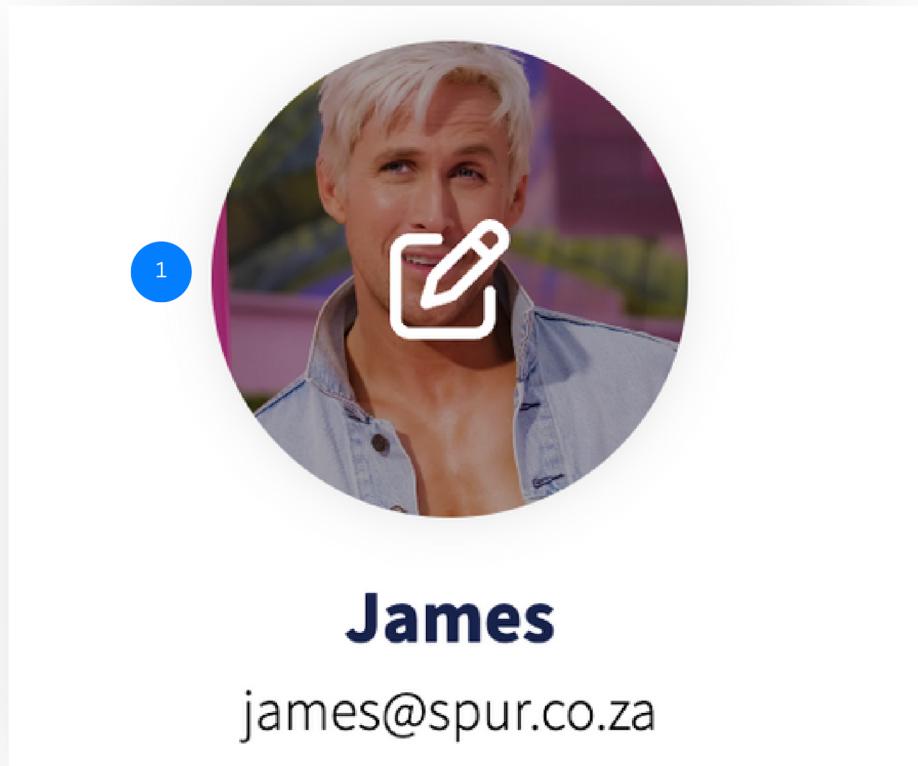
To delete your account, click on the profile icon at the bottom of the sidebar, a profile modal will appear.

1. Click on the 'Delete Account' button
2. Confirm that you do want to delete your account
3. Enter your password to confirm deletion





4.5 Update Profile picture



A circular profile picture of a man with blonde hair, wearing a denim shirt. A white edit icon (a pencil inside a square) is overlaid on the center of the image. In the top-left corner of the circle, there is a small blue circular badge with the number '1' in white.

James

james@spur.co.za

To update your profile picture click on the profile icon at the bottom of the sidebar and a profile modal will appear

1. Click on the Profile picture itself to update your profile picture and then click the 'Confirm' button to save the changes



5 Data Visualisation and Statistics

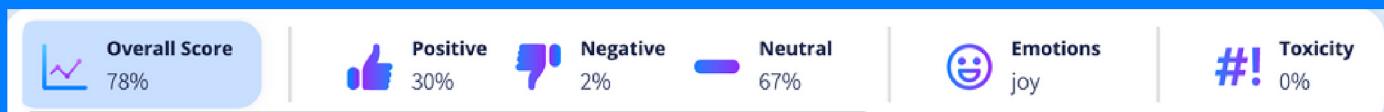
5.1 Center console

1

2

3

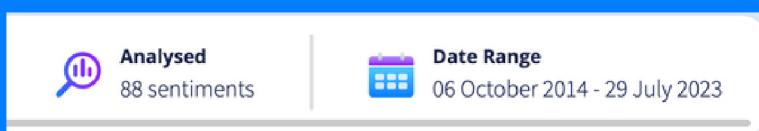
4



1. **Overall score** is the ratio of positive and negative sentiment of a chosen domain, the higher the score the more positive the sentiment and vice versa.
2. **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.
3. **The Emotion block** of the centre console is the most prevalent emotion of a chosen domain, the emotions detectable are anger, disgust, fear, joy, neutral sadness and surprise.
4. **The toxicity block** aims to assess the level of harmfulness or offensiveness in the text and classify it accordingly.

5

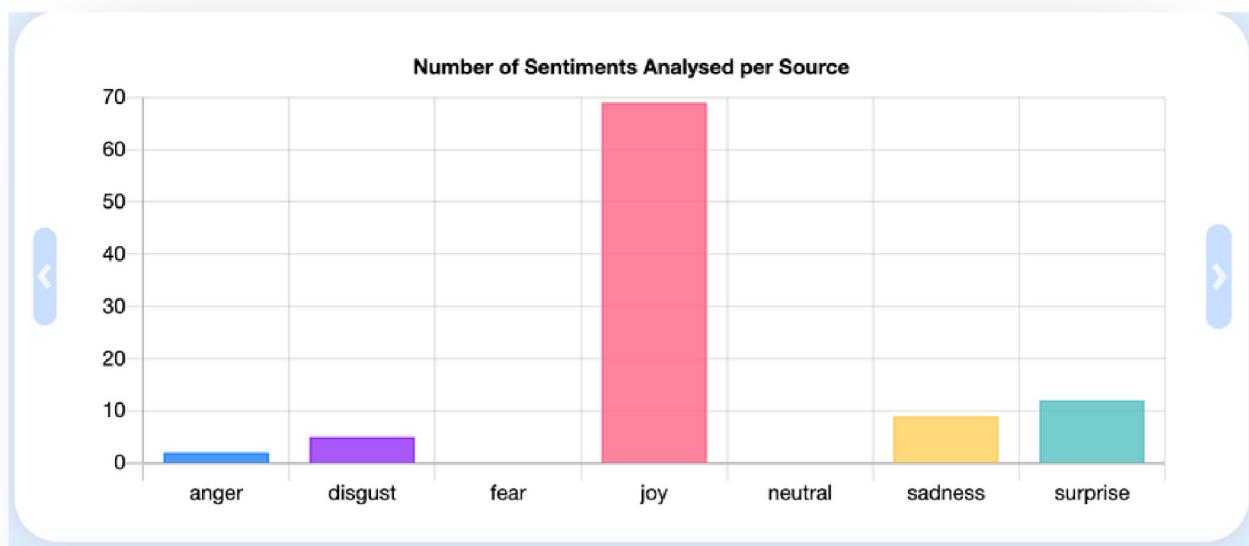
6



5. **The analysed block** is the amount of sentiment that has been analysed in a chosen domain.
6. **The range block** is the timeframe in which the data has been collected to calculate the statistics and insights.



5.2 Graphs and charts



1. The graphs shown are graphical representations of the statistics and insights shown in the center console of the page.
2. 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.



5.3 Sample Data

Sample data

Amazing service nice n clean..

99% very positive surprise Non-toxic

1 2 3 4

The food was on point and the service was friendly and excellent, the music is on point the atmosphere is therapeutic big ups

This is where you can view sample data of a chosen domain.

1. The first metric is the overall score statistic
2. The second metric is the overall categorisation of the sentiment
3. The most prevalent emotion found within the piece of sample data
4. A binary output classifying whether the sample data is toxic or non toxic, if a comment is deemed toxic you can click on the text below it to view it.