A large yellow mining truck is the central focus, positioned in a vast, open-pit quarry. The scene is captured at sunset, with a sky of deep oranges, reds, and blues. The quarry floor is a mix of dark grey rock and lighter brown earth, with winding paths and various pieces of mining equipment visible in the distance. The truck is a massive haul truck, shown from a side-rear perspective, with its large tires and heavy-duty frame clearly visible.

Md

Miners Data

OPERATING GUIDE

Miners Data Operating Guide

www.minersdata.com

v1.0

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WELCOME

From

Welcome to Miners Data (MD). Born out of frustration, MD was crafted over 3+ years of data collection and stumbling through the small cap landscape. Once the data was collected and collated, it was used privately for some time to drive investment decisions for a fund investing in the small caps space. From there, it was determined that the data that had been collected could be used for much more - for investors, traders and industry professionals, all with their unique application. That's when a small data project turned into so much more. **Use this guide to unlock the true power of MD.**

To

To build the application and collect the entire datasets for Miners Data required a lot of time and money. We have a big vision for shaping this platform, but frankly need more capital to do so. The initial release of Miners Data is to drive revenue that will be re-invested into the platform to build future versions. The next step for MD is to build and integrate financial data into the system, which will unlock even more powerful analysis for the user. From here, MD is planning to integrate advanced mapping functionality, as well as taking a community approach to steer future iterations of the product.

OVERVIEW

Miners Data is an online subscription platform **for investors, traders, and industry professionals**. It contains drilling data across 7 commodities, those being - Gold, Silver, Lithium, Copper, Uranium, Rare Earths, and Nickel. These drill results **date back to 2012**, and have been collected across multiple countries and stock exchanges. This data has been collated, and allows the user to **conduct analysis on individual companies, projects, commodities, periods of time, and countries**. By doing this, the user can draw meaningful insight from the data. Miners Data has integrated various **filters and scanners**, as well as **graphics** and an **AI chat bot** to help users harness the true power of the data. Further, **new data is added at the end of each day**, as it is made publicly available.

The team at Miners Data is **committed to delivering actionable insights to subscribers**, and is focused on further developing the platform to continue to deliver new value to users.

Dashboards

Copper

Cu

[View Dashboard →](#)

Lithium

Li

[View Dashboard →](#)

Uranium

U

[View Dashboard →](#)

Silver

Ag

[View Dashboard →](#)

Rare Earth

RE

[View Dashboard →](#)

Gold

Au

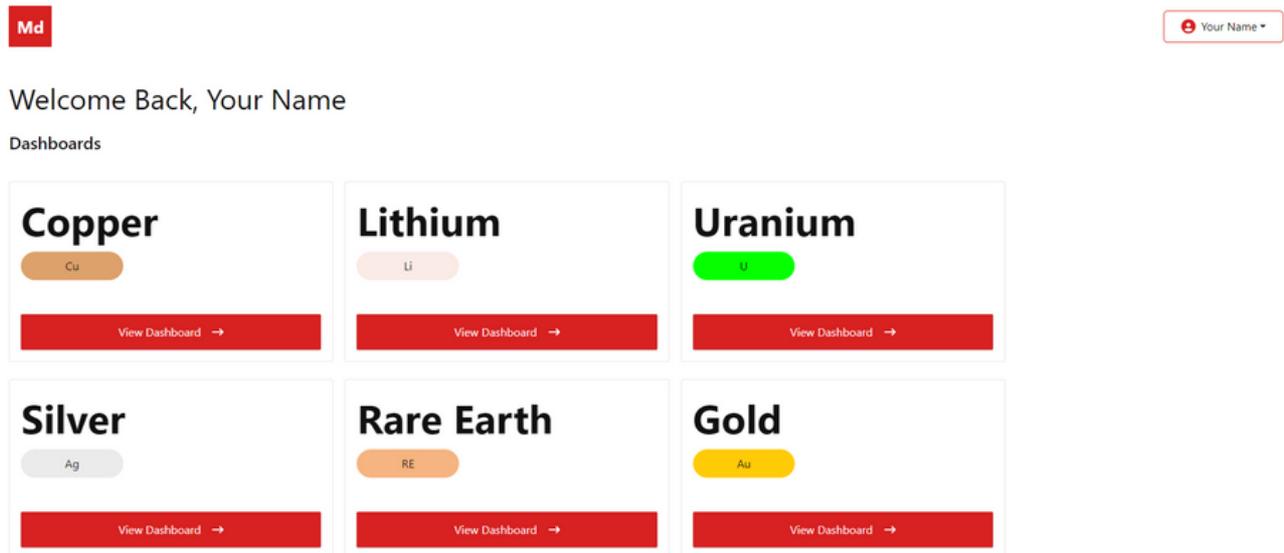
[View Dashboard →](#)

THE BASICS



Firstly, welcome to Miners Data. This section will cover some basic functionality such as billing, passwords and more.

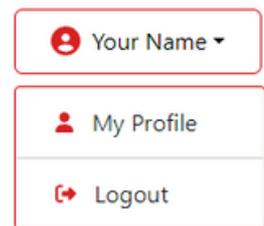
MAIN PAGE



This is the page users are guided to upon sign in. Depending on your subscription tier, you will see a number of commodities visible to select from. Clicking on the red button **‘View Dashboard’** will direct you to the analysis page for the selection.

The profile button is located in the top right hand side of the screen on the main page. Clicking it will present two options.

1. **My Profile** is clicked to access user settings, billing settings, and resetting password.
2. **Logout** is used to sign out of the Miners Data platform. Note after a period of inactivity, the platform will automatically sign a user out.



THE BASICS

Md

MY PROFILE

Md Alden

[← Back](#) **My Profile**

[My Profile](#) Welcome to your profile! Here you can review and update your personal details to keep your account information current.

Name

Email

Phone

Dob

Twitter

Discord

SAVE PROFILE

[Change Password](#)

[Billings](#)

[Cancel Subscription](#) Send message

Name - Change your name

Email - Email address associated with the account

Phone - Enter your phone number (optional)

Dob - Enter your Date of Birth (optional)

Twitter - Enter your X handle so MD can follow you

Discord - Enter your Discord handle to be verified in our community ([found here](#))

Once any changes have been made, **Save Profile** should be clicked to enact changes.

[Change Password](#)

[Billings](#)

[Cancel Subscription](#)

On the bottom left of this page, you will find Change Password, Billings and Cancel Subscription options. Note that all payment and billings are handled by Stripe, and clicking one of these will transfer the user outside of the Miners Data website.

THE BASICS

Md

CHANGE PASSWORD

Select **'Change Password'** from the bottom left side of the **My Profile** page. Note, this is for use when the user wants to change password, and has not forgotten their password.

Change Password

To ensure your accounts security, please create a strong new password. It should be a mix of upper and lower case letters, numbers, and symbols, and ideally, it should be different from passwords you use elsewhere.

Old Password

Your new password must meet the following criteria:

- Must be at least 15 characters long
- Must contain an uppercase and a lowercase letter (A, z)
- Must contain a number
- Must contain a special character (!, %, @, #, etc.)

New Password

Confirm New Password

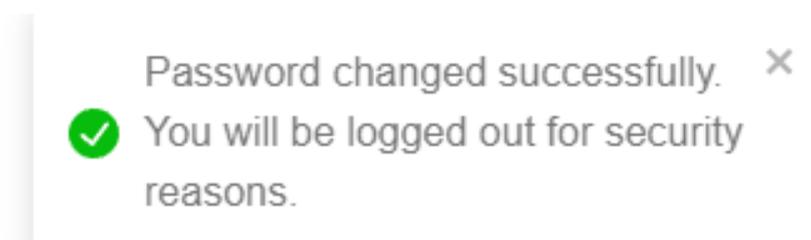
CHANGE PASSWORD

Old Password - Enter your current password

New Password - Enter a new password, taking note of the required criteria

Confirm New Password - Re-enter the new password

Ensure that **Change Password** is pressed once complete,



Upon successfully changing your password, the user will be logged out and asked to re-login using their new password.

THE BASICS



MANAGE BILLINGS

Select 'Billings' from the bottom left of the My Profile page. The user will be re-directed to Stripe, where Stripe will request the user to login.

Check your email for your link

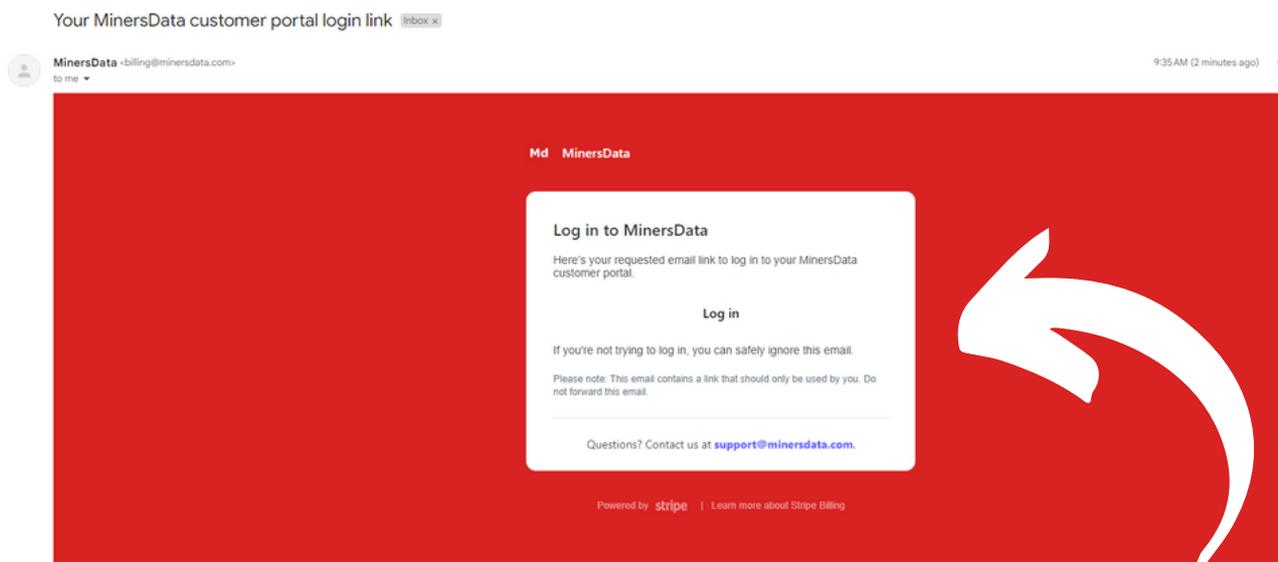
If [redacted] is active with MinersData, you'll receive a link. The link will be active for 30 minutes.

[Use a different email](#)

Need support? Contact us at support@minersdata.com for assistance.

Once the user has entered the associated email address linked to the Miners Data account, an email will be sent to sign in.

The user should receive an email from Miners Data with a login link to access the subscriptions page.



Click the button **Log in**.

THE BASICS

Md

MANAGE BILLINGS

Your billing

[Sign out](#)

CURRENT PLAN

Master Miner
\$0.00 per month

[Cancel plan](#)

[Hide details ^](#)

Master Miner	\$560.00
Subtotal	\$560.00
	-\$560.00
Total	\$0.00

Your plan renews on February 29, 2024.

PAYMENT METHOD

[Add payment method](#)

BILLING AND SHIPPING INFORMATION

Name

BILLING AND SHIPPING INFORMATION

Name

Billing address

Phone number

[Update information](#)

INVOICE HISTORY

Jan 29, 2024	\$0.00	Paid	Master Miner
--------------	--------	------	--------------

The billings page will allow users to change card details, obtain invoices, and review current subscription settings.

Current Plan - Here a user can cancel their plan, as well as update their payment method.

Payment Method - Displays the current payment method of the subscription, and allows the user to update their payment method.

Billing & Shipping Information - A user can update their address, and contact details (which displays on an invoice).

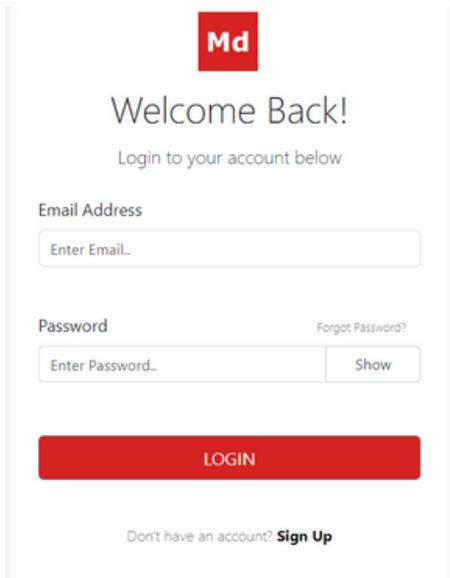
Invoice History - A user can download and view copies of historical invoices for tax purposes from this section.

THE BASICS



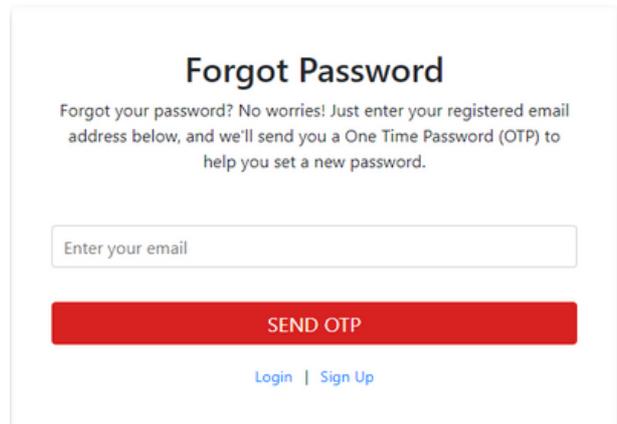
FORGOT PASSWORD

This sections will demonstrate how to reset a forgotten password.



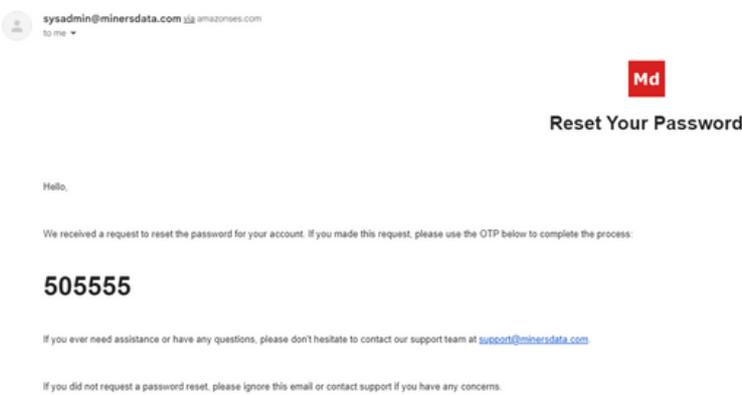
The login screen features the Md logo at the top. Below it, the text reads "Welcome Back!" and "Login to your account below". There are two input fields: "Email Address" with a placeholder "Enter Email.." and "Password" with a placeholder "Enter Password..". A "Forgot Password?" link is positioned to the right of the password field. A "Show" button is located to the right of the password input. A red "LOGIN" button is at the bottom, and a "Sign Up" link is at the very bottom.

On the login screen, if a user has forgotten their password, they can click the **Forgot Password?** button above the password entry field.

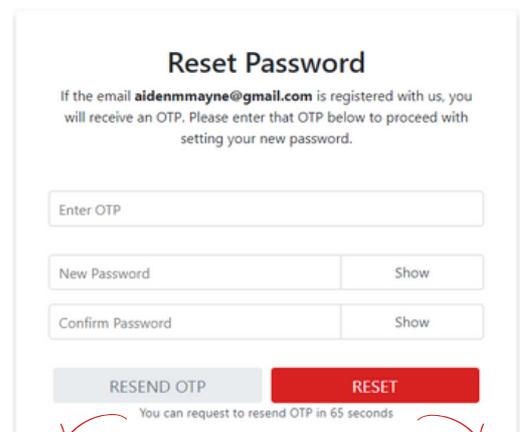


The "Forgot Password" screen has the title "Forgot Password" and a message: "Forgot your password? No worries! Just enter your registered email address below, and we'll send you a One Time Password (OTP) to help you set a new password." There is an "Enter your email" input field and a red "SEND OTP" button. At the bottom, there are links for "Login" and "Sign Up".

The user will then be directed to a page where they will enter the email address associated with the Miners Data account.



The email notification is from "sysadmin@minersdata.com" to "me". It has the subject "Reset Your Password" and the Md logo. The content includes "Hello," a message about the password reset request, a large bolded OTP "505555", and support contact information.



The "Reset Password" screen has the title "Reset Password" and a message: "If the email **aidenmmayne@gmail.com** is registered with us, you will receive an OTP. Please enter that OTP below to proceed with setting your new password." There are three input fields: "Enter OTP", "New Password" (with a "Show" button), and "Confirm Password" (with a "Show" button). There are "RESEND OTP" and "RESET" buttons. A note says "You can request to resend OTP in 65 seconds".

Not working? OTP can be re-sent every 2mins

An email will be sent to the associated account with a one time password (OTP), the user then pastes this into the appropriate field and enters a new password for their account.

THE DASHBOARD

Md

The dashboards are where the user will spend their time conducting analysis and research. For ease of understanding, most of the functionality between dashboards has been kept similar. This section will cover the functionality of the dashboard.

GENERAL

The screenshot shows the dashboard interface with the following components and callouts:

- 1**: A red button labeled "Send mes..." in the bottom right corner of the table.
- 2**: A horizontal menu of dashboard tabs: "Drilling Results" (highlighted), "Company Analysis", "Country Analysis", "General Analytics", and "Results Lookup".
- 3**: A filter panel on the left with "Select Year" (set to "All"), "Grade (%)" range (0.02 to 8.00), and "Interval (metres)" range (0.27 to 678.50).
- 4**: A scatter plot titled "Grade (%) vs Interval (metres) by Reporting company" showing data points for various companies.
- 5**: A "Detail Report" table below the chart.
- 6**: A user profile dropdown menu labeled "Aiden" in the top right.
- 7**: A "Back" button in the top left.

Date	Company	From (m)	To (m)	Interval (m)	Grade (%)	Grade x Interval
22-01-2024	Burley Minerals Ltd	333.00	344.00	10.98	1.70	18.67
22-01-2024	Future Battery Minerals Ltd.	216.00	282.00	66.00	0.22	14.22
22-01-2024	Future Battery Minerals Ltd.	152.00	300.00	148.00	0.17	25.33
22-01-2024	Future Battery Minerals Ltd.	40.00	219.00	180.00	0.18	31.70
22-01-2024	Future Battery Minerals Ltd.	140.00	366.00	226.00	0.18	41.60
18-01-2024	Loyal Lithium Ltd.	26.20	32.00	5.80	3.00	17.40
18-01-2024	Loyal Lithium Ltd.	7.00	15.00	8.00	2.00	16.00
18-01-2024	Loyal Lithium Ltd.	48.00	56.00	8.00	1.90	15.20
18-01-2024	Loyal Lithium Ltd.	10.80	20.00	9.20	2.00	18.40
18-01-2024	Loyal Lithium Ltd	12.00	23.00	11.00	1.60	17.60

1 - Support Chat - Connect to live chat for query or bug.

2 - Dashboard Tabs - Select dashboard view for different types of analysis.

3 - Filters - Apply filters to the data displayed on the dashboard.

4 - Graphics Pane - View visual representations of the data.

5 - Detail Report - View the line data for the data selected or filtered.

6 - My Profile Tab - View account and subscription details.

7 - Back - Return to the main page to navigate to a different commodity.

THE DASHBOARD

Md

SUPPORT CHAT (1)

Support chat is used to connect the user to the support team. The support chat functionality is live, and typically active from **Monday to Friday, 9am - 5pm AEST**. If a user does not connect to a live support agent, their query will be sent to the team and responded to in a timely manner.



Please send queries or requests at any time, and they will be replied to as soon as the support team is back online.

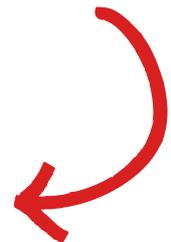
Support chat should be used for:

- Queries regarding functionality of the platform
- General data queries
- Subscription queries
- Reporting a bug within the platform
- Reporting an error in the data displayed
- Providing general feedback for the team

To contact support, click **'send message'** from the bottom right of the platform. Then, enter your **name**, the **email** associated with your MD account, and the **message**. Finally, press **submit** to send.

Your message was sent successfully!

Send Again

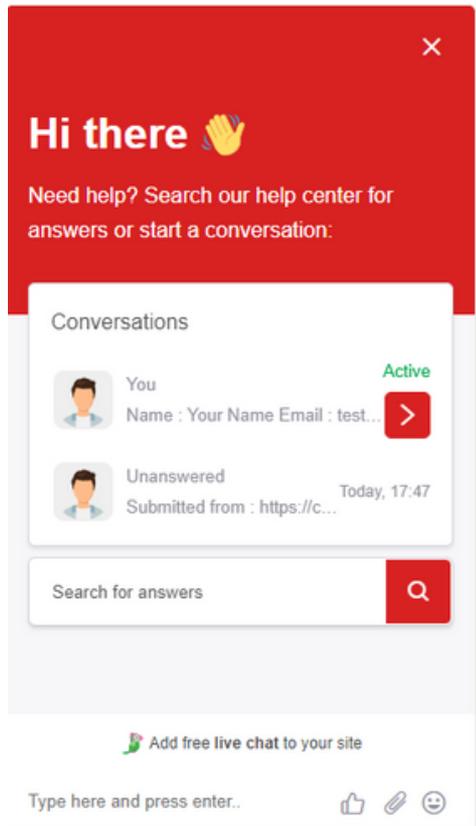


THE DASHBOARD



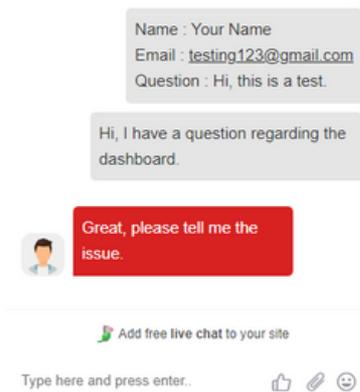
SUPPORT CHAT (1)

Alternatively, if one our customer support team is online, the support chat will look slightly different.



If the support portal looks like this, a customer support agent is ready to handle your query in real-time. Simply type a message at the bottom, attach any helpful screenshots or documents, and press enter to begin a chat.

If the user has previously had an active chat with a team member, or has closed the window and wish to open it again, simply choose the appropriate conversation from the **'Conversations'** tab.



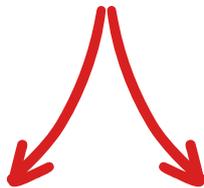
Summarised: If a customer support agent is online, a real-time conversation can be had through the chat service. If our customer support team is offline, send your request, and they will respond in a timely manner. If you are no longer logged into the Miners Data platform, correspondence will happen via email.

THE DASHBOARD

Md

DASHBOARD TABS (2)

Dashboard tabs are used to navigate between different types of dashboard for a commodity. Each tab contains different data for analysis by the user.



Drilling Results is for viewing grade and interval, while allowing the user to filter by year, grade, and interval.

Company Analysis is for analysis of data at a company and project level. Users have access to filters and visuals that lend themselves to better understanding companies and their drill results for a chosen commodity.

Country Analysis is for analysis of data at a country level. Users can view maps of countries and the statistical data for them, as well as filter by jurisdiction and time series to derive meaningful conclusions based on geography.

General Analytics is where MD has integrated several other tools for the user to conduct analysis. The most noteworthy is the AI chat bot for quickly producing data and graphics.

Results Lookup is for filtering the entire dataset to find a series of specific drill results. Year, country, company, project, grade and interval are some of the filters in this section.

THE DASHBOARD



FILTERS (3)

Filters are on each of the dashboard tabs, and are used to screen for more specific data. Depending on the tab, these filters contain:

- Year and month
- Company and project
- Interval (to and from)
- Grade (g/t or %)
- Interval x Grade

Using these **filters will affect the rest of the graphics and data on the open dashboard**. Filtering will narrow the data to the selected on the detail report section, as well as only display the filtered results on the charts and graphics.

Select a year, and / or month by clicking the drop down arrow.

Select country(s) for filter

Select company and project from the drop-down

Either enter the desired grade / interval / grade x interval range or use the slider

Next to each filter on every dashboard, there is a **clear selection** button to reset the filter to the default view.

THE DASHBOARD



GRAPHICS PANE (4)

The graphics pane is where a variety of charts and tools are displayed on each dashboard. Further into the operating guide there will be a comprehensive break down of each pane.

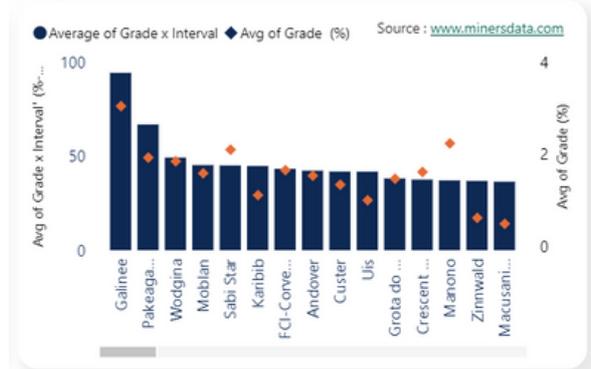


Statistical analysis of filtered drilling data

Interactive charts with selectable data.



Avg of Grade x Interval¹ (%-m) Vs Avg of Grade (%) by Project



Grade x Interval¹ (%-m) by Country



Interactive mapping with data based on geographic area.

AI chatbot with data and graphic outputs for users to conduct custom analysis.



Ask a question

Click on the icon to enlarge

Grade of Liontown Resources Ltd per year

Showing results for Grade with company Liontown Resources Ltd sorted by year



Is this useful?

THE DASHBOARD



DETAIL REPORT (5)

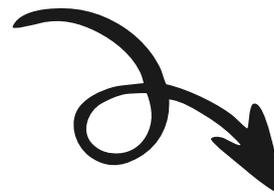
Detail report shows the data results of the filtered and selected data from the filters and graphics pane. Data selected in the Detail Report will be reflected in the graphics pane.

Clicking the header rows will sort the data (ascending / descending).



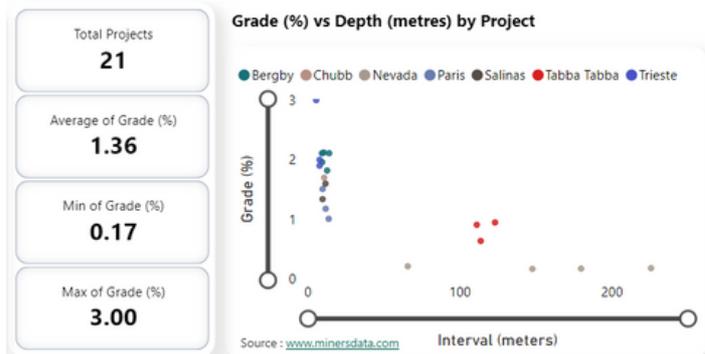
Detail Report

Date	Company	From (m)	To (m)	Interval (m)	Grade (%)	Grade x Interval
22-01-2024	Burley Minerals Ltd	333.00	344.00	10.98	1.70	18.67
22-01-2024	Future Battery Minerals Ltd.	216.00	282.00	66.00	0.22	14.22
22-01-2024	Future Battery Minerals Ltd.	152.00	300.00	148.00	0.17	25.33
22-01-2024	Future Battery Minerals Ltd.	40.00	219.00	180.00	0.18	31.70
22-01-2024	Future Battery Minerals Ltd.	140.00	366.00	226.00	0.18	41.60
18-01-2024	Loyal Lithium Ltd.	26.20	32.00	5.80	3.00	17.40



Selected data will display on the graphics pane.

Selected data on the graphics pane are selected in the detail report.



To select multiple data points, hold the SHIFT or CTRL button

Right clicking on the detail report will give more selections >>> >>>

- Copy
- Show as a table
- Include
- Exclude
- Clear selections

THE DASHBOARD

Md

MY PROFILE (6)

My profile allows the user to update and view account / subscriptions settings.

[Click here to view My Profile guide.](#)

BACK (7)

The back button returns the user to the main page.

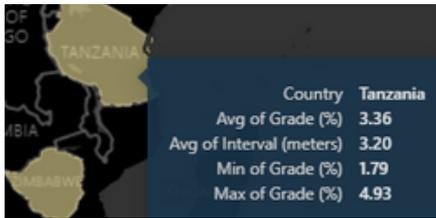
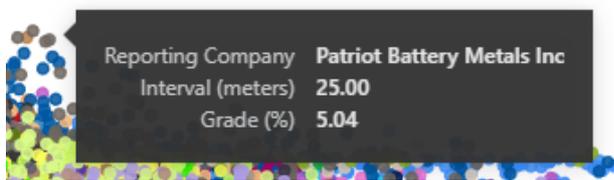


FUNCTIONALITY

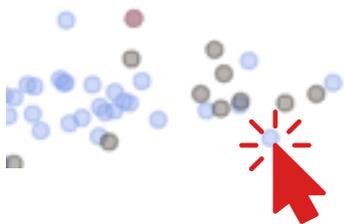


This section will delve into some of the specific and unique features that the Miners Data platform has inbuilt. Users will be able to further harness the power of Miners Data with this functionality.

INTERACTING WITH GRAPHS



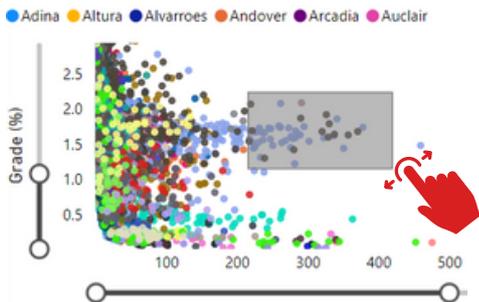
Hover over a data point on a graph or visual to view more information



Clicking a data point will select it on the other visuals & detail report.

Date	Company	From (m)	To (m)	Interval (m)	Grade (%)	Grade x Interval
19-03-2018	Kidman Resources Ltd	32.50	324.00	291.50	2.09	609.24

Clicking and dragging on data points will select multiple.



Right click to clear selection

Show as a table
Clear selections



FUNCTIONALITY



INTERACTING WITH GRAPHS

Right clicking on a table or graph will present additional options for the user.

Right click options



- Show data point as a table
- Show as a table
- Include
- Exclude

Show data point as a table is helpful for breaking out the aggregated data points into their individual results.



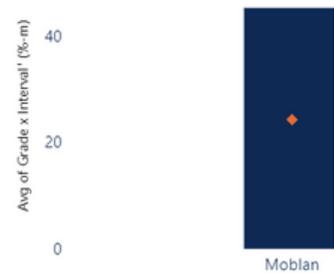
Company	Grade (%)	Project	Property ID	Development Stage	Activity Status	Key Reported By	Type of
Alkem Ltd.	1.10	James Bay	37610		Active		
Alkem Ltd.	1.14	James Bay	37610		Active		
Alkem Ltd.	1.17	James Bay	37610		Active		
Alkem Ltd.	1.17	James Bay	37610		Active		

Show as a table displays the same aggregated data in a graph, only tabulated.



Company	Average of Grade (%)
Atlantic Lithium Ltd	1.29
AVZ Minerals Ltd	2.24
Azimut Exploration Inc.	3.04
Azure Minerals Ltd	1.60

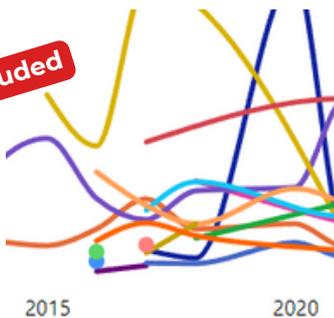
Include focuses in on the 'included' point.



Exclude removes the point on the visual from the selection



Excluded



FUNCTIONALITY

Md

AI CHATBOT

A standout function of Miners Data is the **AI chat bot** built-in to the platform. AI has unlocked powerful analysis, and can be used both for **data analysis and visuals** within Miners Data.

Example of Data

Average grade per country in a table;

Country	Average of Grade (%)
Tanzania	3.36
Angola	2.42
Dem. Rep. Congo	2.22
Nigeria	2.07

Example of Visuals

Average grade per country in a bar chart



It is important to note that **the AI chatbot is not like 'ChatGPT'**. It does not return large text based prompts, but rather leverages the dataset and graphical capabilities to aid the user.

General consideration for writing prompts in the AI chat bot:
Sum or calculation | on what data series | how to present

- Average
- Median
- Top 10
- Percentage of
- Number of
- Earliest / latest
- Max / min
- Sum of
- Count of
- All
- Country
- Company
- Project
- Interval
- Grade
- Grade x Interval
- Year
- Month
- Name
- Drill ID
- As a number
- in a table
- line chart
- bar chart
- pie chart
- map
- treemap
- scatter
- funnel
- combo

FUNCTIONALITY



AI CHATBOT



Not sure what you've queried is being returned? Hover over the 'i' to know what the AI is presenting back.

☐ Average grade sorted by year as clustered combo chart

This visual is showing average grade sorted by year as clustered combo chart

Example

☐ Rank grade by company and project in a table

Grade (%)	Company	Project
8.00	Liontown Resources Ltd	Buldanina
8.00	Liontown Resources Ltd	Kathleen Valley
6.53	Patriot Battery Metals Inc	FCI-Corvette
6.41	Patriot Battery Metals Inc	FCI-Corvette
6.36	Patriot Battery Metals Inc	FCI-Corvette
6.17	Patriot Battery Metals Inc	FCI-Corvette
5.79	Latin Resources Ltd	Salinas

Example

☐ Median interval per project in a table

Project	Median of Interval (meters)
Cauchari	340.00
Salta Lithium	300.00
Sal de la Puna	255.00
Kachi	239.00
Salar de Tolillar	237.50
Salar de Cauchari	192.00
Nevada	175.25
Solaroz	175.00

Example



Example

☐ Project and average grade x interval as map



FINAL REMARKS

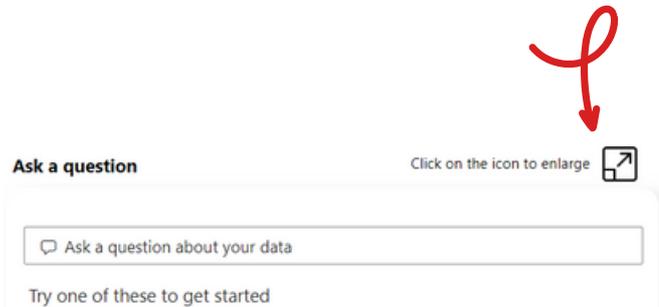


TIPS & TRICKS

On the **Company Analysis** and **Country Analysis** dashboard there is a button **'More Charts'** which opens additional dashboard pages for analysis.

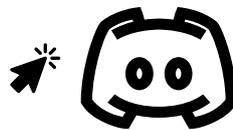


The AI chatbot has a page of its own! Click to use the AI in full-screen.



WHERE TO FIND US

Discord is where our community joins in on discussion of specific drill results and announcements. Members share analysis and can talk to industry experts directly.



[Join here](#)

Twitter (X) is where Miners Data puts out analysis and releases new product features and content!



[Follow Us](#)

[Here too!](#)

