Export Tool Guide

Overview

The export tool now in the Diamond Kinetics Web App allows group administrators to export their groups' swing and pitch data. This opens up many possibilities for users to analyze the data recorded by SwingTracker and PitchTracker sensors.

The data is exported into a spreadsheet using Google Sheets, and can be downloaded as CSV and Excel files as well. When data is exported to the Google Sheet, there will be a tab containing all the available data, as well as a few other tabs that breakdown the metrics for each player included in the export. These reporting tabs will be available in the Excel file as well, but please note that formatting and formula conversion from Google Sheets to Excel may not be 100% correct. We have taken steps to make the sheets containing the exported data and breakdowns compatible with Excel. Choosing to download the CSV file will result in only downloading the data, not the calculations or reports, since CSV does not support multiple sheets.

The default report sheets should be enough for most users to get an understanding of where the exported players metrics fall. These sheets provide a minimum, range, and maximum for each metric. The range, labeled "Usually", uses interquartile range to retrieve the two numbers that comprise the range bounds. Minimum and maximum are labeled in the sheets depending on the metric. For example, the minimum and maximum for Hand Cast Distance are labeled as "Closest" and "Farthest" because it refers to the distance between the hitter's body hands.

One of the most powerful aspects of the export tool is that once an export has been created, users are free to do what they want with that data. Various charts can be created within Google Sheets and Microsoft Excel in order to create visualizations that help coaches, parents, and players understand their data at a high level. Those who wish to get into the data and create even more detailed breakdowns than the default report sheets we provide may do so.

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Restrictions

In order to use the export tool when viewing a group, your profile must fit the following criteria:
- You are either a coach, or you have a SwingTracker or PitchTracker premium membership.
- You are the group administrator.

When exporting swings, players who do not have a SwingTracker premium membership will only have one swing exported.

When exporting pitches, players who do not have a PitchTracker premium membership will only have one pitch exported.

When exporting pitches, users who have their sport set to baseball will have their data exported into a baseball template. Softball users will have their data exported into a softball template. This is due to the fact the two sports don't have the same set of pitch types.

Setting Up An Export

When viewing a group, the export tool will be available in the right sidebar below the Actions panel.

To set up an export, the following fields can be utilized to filter the exported data to your needs:

Name
This will be the name used in your list of past exports, as well as the file name of the Google Sheet, CSV, or Excel file.

Source
This dropdown will allow you to choose whether the entire group's swings or pitches gets exported, or just from a handpicked list of players. When choosing Players as a source, checkboxes will appear next to the group's members in order to select who's data to export.

Event
This will allow you to choose whether to export swings or pitches.
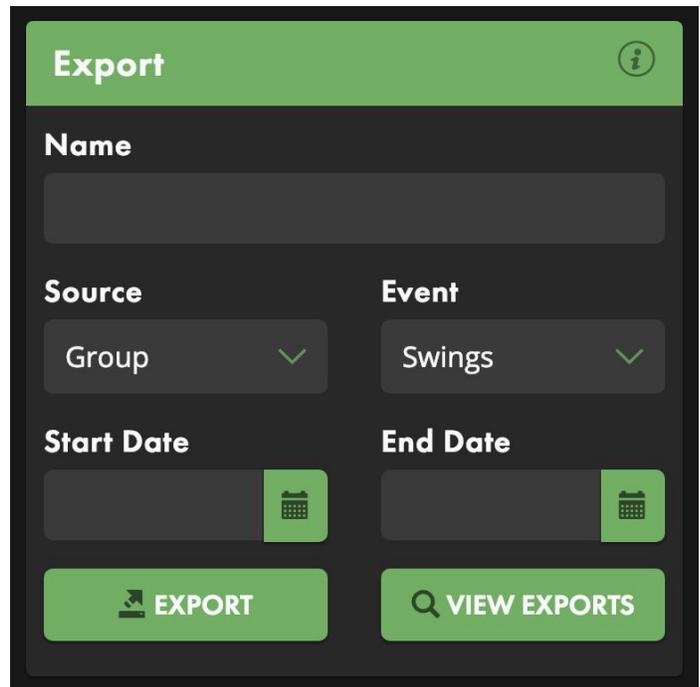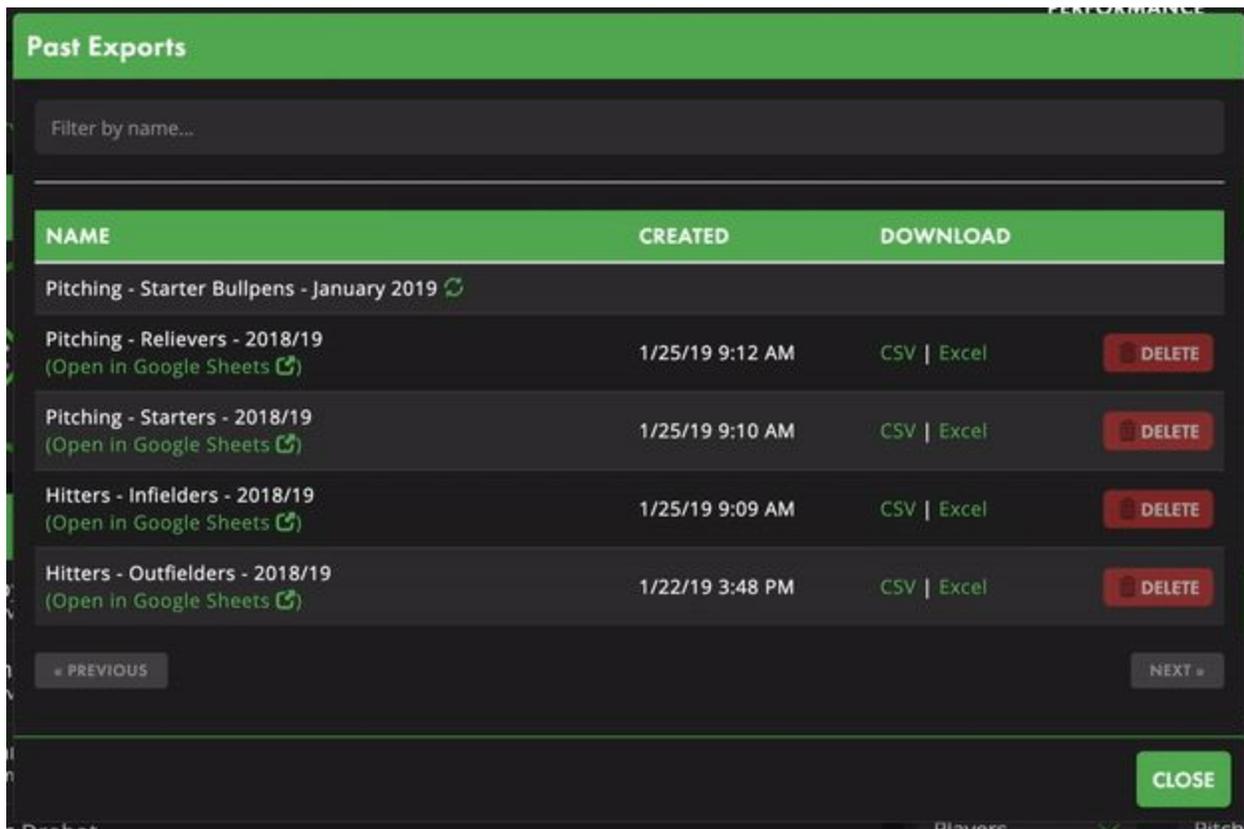
Start/End Date

These fields will provide datepickers that you can use to filter swings or pitches that are exported within a specific date range. These are not required, and one can be used without the other.

Once you have set up the export to your needs, click the export button to start the process. A dialog (pictured below) will appear to indicate an export is in progress, and when finished you will be presented with a link to a Google Sheet containing the data, as well as links that will allow you to download the data in CSV and Excel format.

The email address associated with your Diamond Kinetics account will also get an invitation that contains a link to the Google Sheet. This email will be sent to you from the address data-export@diamondkinetics.com. Click the button labeled 'Open in Sheets' to view your export.
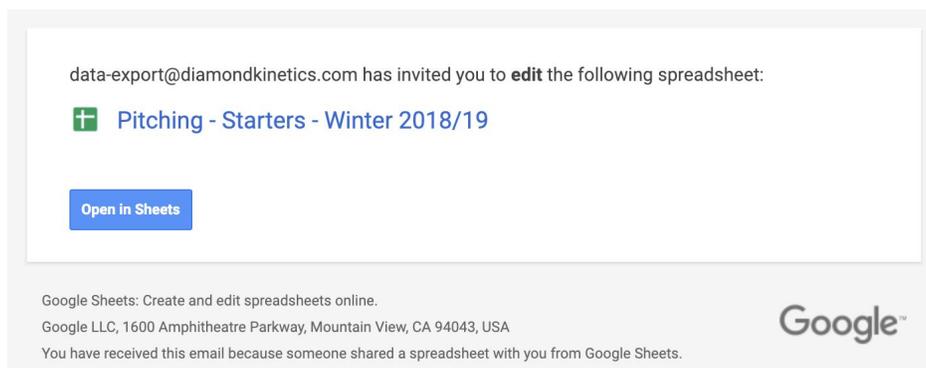
Accessing The Google Sheet - Google Users

If you're using a Google Account with your Diamond Kinetics account, you will be able to work with your spreadsheet without any problems and invite others to as well. Please note that if you have multiple Google Accounts signed into the computer you're using, the link to the sheet may open with an account that does not have access to edit the spreadsheet. If this is the case, switch to the Google Account you use with your Diamond Kinetics account, or else you will only be able to view the spreadsheet in read only mode.

Accessing The Google Sheet - Non-Google Users

If you're not using a Google Account with your Diamond Kinetics account, it is still possible to get edit access to the spreadsheets you've exported.
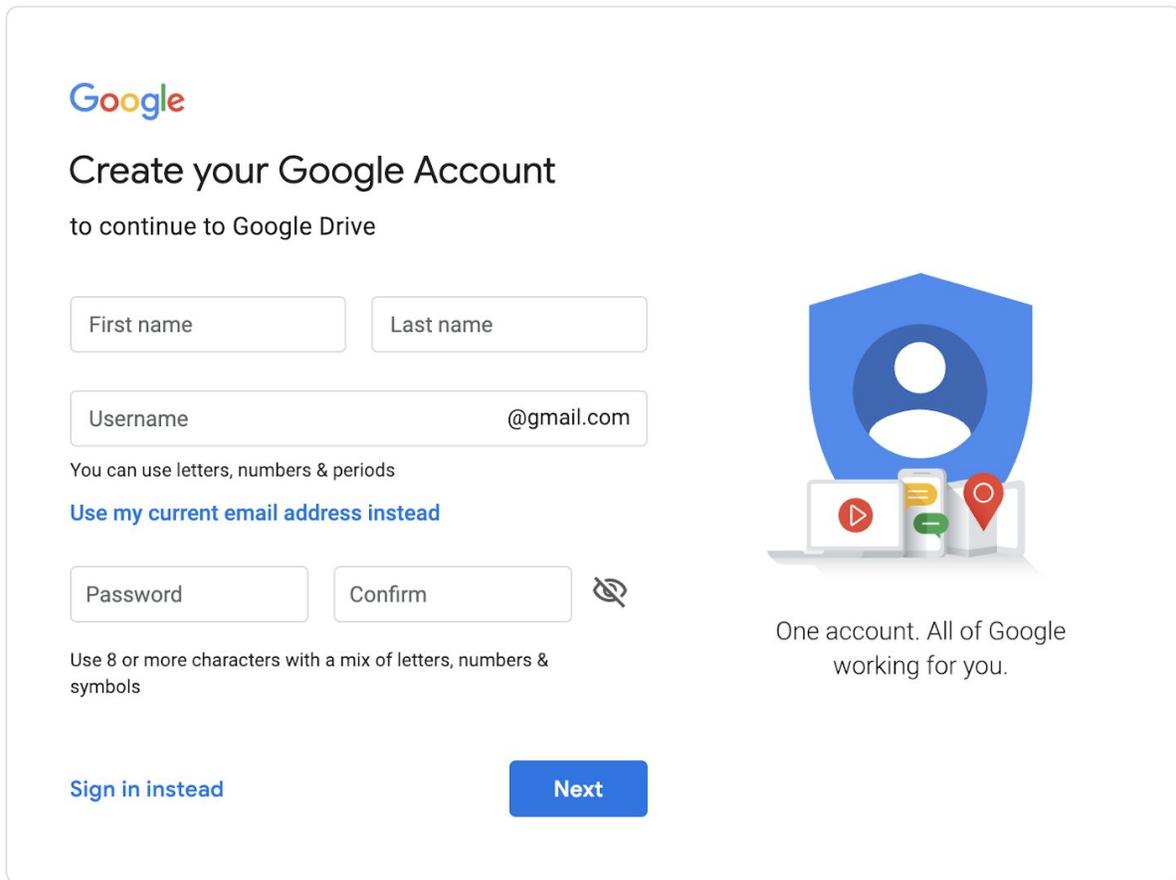
The most straightforward way would be to use a Google Account email with your Diamond Kinetics account, if you already have one.

If you don't wish to use a Google Account email with Diamond Kinetics, you can get edit access to the spreadsheet by clicking the link in the invitation email, or the link to the spreadsheet in the web application. When you do this, you'll be taken to the spreadsheet in read only mode, and two buttons will be in the top right. One is for
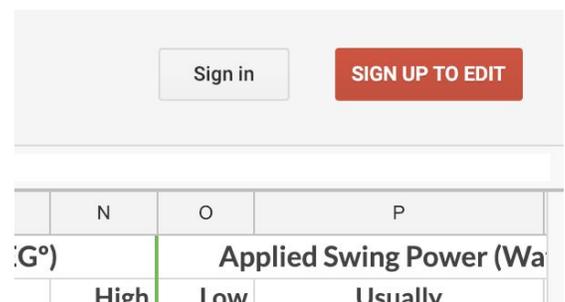
signing in with an existing Google Account, and the other is for creating a new Google Account.

If you choose to sign in with an existing Google Account, you will be directed back to the spreadsheet with edit access. If you need to create an account, you will be prompted to go through the account creation process which start with the screen below.
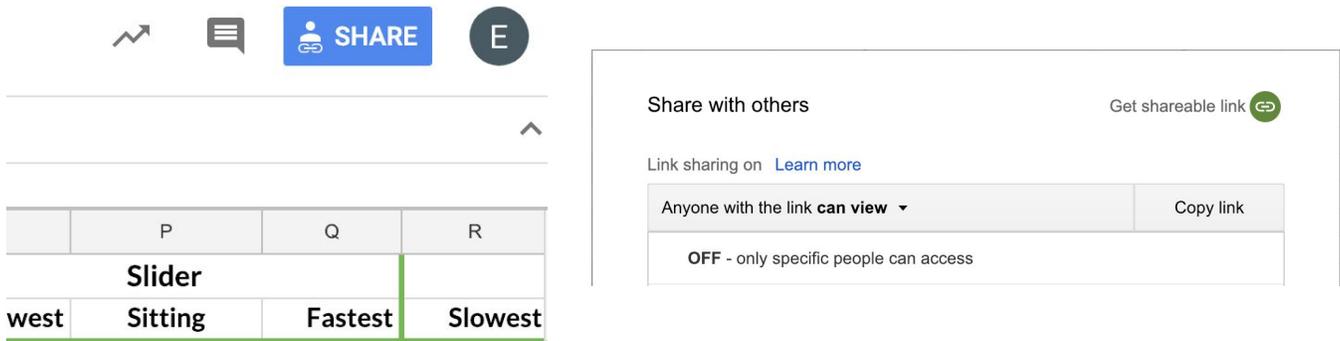

Once you've created an account, you will be directed back to the spreadsheet with edit access.

Sharing An Export

By default, the Google Sheet that has been created from your export is unlisted, this means that you can share the link with anyone and they'll be able to view it. If you would like to turn this off, click the

Share button in the upper right corner of the Google Sheets user interface and turn link sharing off so only specific people may access via an invitation.

If you'd like to give someone the ability to edit the sheet, you may do so by clicking the Share button in the top right corner of the Google Sheets user interface and send an invitation to their email address with 'Can edit' selected as the permission.

Resources

If you're looking to get more out of your spreadsheets on the Google Sheets platform, there is plenty of documentation available to get you started. We suggest starting out by visiting this link https://gsuite.google.com/learning-center/products/sheets/get-started/#!/ which contains a guide for getting started. For a more expansive resource follow this link https://support.google.com/docs/topic/9054603?hl=en&ref_topic=1382883.