GLAB 200.6.1 - Statistical Processing

Version 1.0, June 2023

Introduction

In this lab, you will enroll in the Statistical Processing (eLearning with labs) Splunk course and use the Splunk lab to practice.

The Splunk labs simulate an (imaginary) international video game company called Buttercup Games. The lab environment has several indexes and plenty of real-world data to play with.

Note: You are only required to complete **Lab Exercise 1 – Transforming Data** on the Splunk lab. Still, we strongly recommend that you complete all the exercises.

Additionally, this lab may contain some commands that we did not cover in class. If you feel that you can not follow these instructions, Splunk provides a solutions document with the lab instructions. Use the solutions document to complete the lab.

Before You Begin - How to Submit This Activity

IMPORTANT: At the end of Statistical Processing Labs, you will be instructed to save your searches as **reports** with names such as **L1S1**.

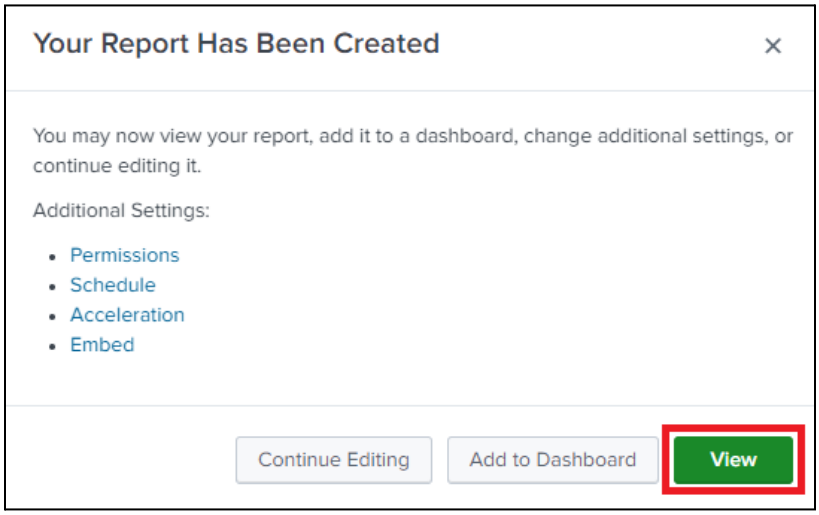
Once you have saved that report(s), you can export it to **PDF** format. The Splunk lab instructions do not explain exporting a report, so we will explain the process here.

Once you have **exported your report(s)** in **PDF** format, you have to **upload** them to **Canvas**. The report(s) you submit is what we expect to receive and are evidence of your lab completion.

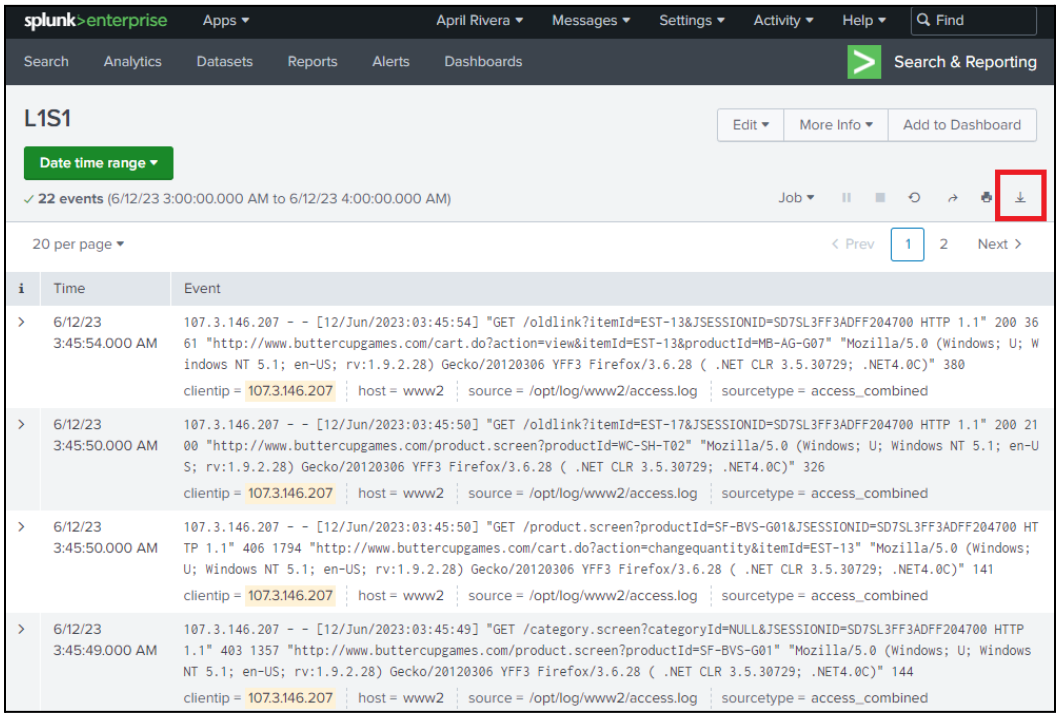
Exporting a Report from Splunk in PDF format.

NOTE: do this step for every report you are instructed to save a report in the Splunk lab.

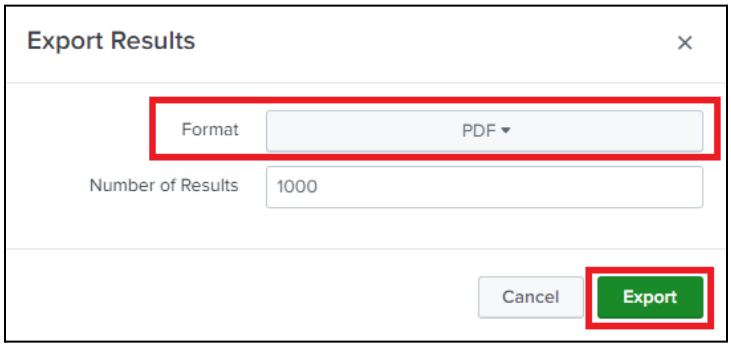
a. *After saving a report in Splunk, you can choose to view the report. Click on the View button on the **Your Report Has Been Created** notification window.*



b. *When viewing the report, click the **Down pointing arrow** on the left-hand side to select an **export** option.*



c. *On the **Export Results** dialog box, set the **Format** to **PDF using the drop-down menu** and click on the **Export** button.*



d. *The report in **PDF format** will download to your computer. The file name will be the **report's name, followed by a timestamp**.*

e. *Upload the report to Canvas using the assignment's **Submit** button.*

Objectives

- Enroll in the Statistical Processing (eLearning with labs) Splunk course.
- Complete Lab Exercise 1 – Transforming Data.

Equipment

- A laptop or PC with Internet connectivity or A Windows Virtual Machine with Internet connectivity.

- A splunk.com/perscholas account - previously created on ACT 200.1.1: Access Splunk learning resources.

Instructions

Part 1: Enroll in the Statistical Processing (eLearning with labs) Splunk course and launch the Server.

In this part, we assume that you have a splunk.com/perscholas account. If you do not have one, please complete the ACT 200.1.1: Access Splunk learning resources activity first.

Step 1: Enroll in the Statistical Processing (eLearning with labs) Splunk course.

If you need screenshots of the steps to enroll, see the instructions on the GLAB 200.2.1 - Splunk Fundamentals lab.

a. *Using your Web browser, navigate to https://workplus.splunk.com/perscholas. On the **Get Started with Splunk** section, click on the **Login** button.*
b. *On the **Splunk Account Login** section, enter the **Email or Username** you used to signup for splunk.com and click the **Next** button.*
c. *Next, enter your **password** and click on the **Splunk Account Login** button.*
d. *Once signed in, click the Courses tab on the **WELCOME TO SplunkWork+ | Per Scholas** page.*
e. *Scroll to the **Splunk education** section and click the **Learn More >** link under **Single-Subject Courses**.*
f. *Scroll down on the **Splunk Pledge Education Benefits (SplunkWork+)** page, locate and click the **Statistical Processing (eLearning with labs)** course.*
g. *Scroll down on the **Statistical Processing (eLearning with labs)** page, and click the **BUY NOW** button (Don't worry, you will **not** have to pay for this course).*
h. *On the **My order** step, click on the **Apply coupon code** link.*
i. *Enter the coupon **SplunkPledge** into the box and click on the **APPLY** button.*
j. *Note that the **Total coupon discount is (100%): 300** and that the **Final amount is 0**. Next, click on the **CONFIRM** button.*
k. *Launch the course by clicking the **Data Models** link on the **Order Successful** page under the **Item Details** section.*

Step 2: Launch the Splunk lab environment.

You will launch the Splunk lab environment from the Statistical Processing (eLearning with labs) course in this step. Once the server is up, it will run for four hours.

If you need screenshots of the steps to launch the server, see the GLAB 200.2.1 - Splunk Fundamentals lab instructions.

Note: In this lab, you use the Splunk environment provided for the Statistical Processing (eLearning with labs) course as the actual lab.

You must only complete **Lab Exercise 1 – Transforming Data** on the Splunk lab. You can use the lab Solutions document if you need help performing the lab.

a. *If you still need to do so, go to your **Statistical Processing (eLearning with labs)** course (Note, you can also access the course via the registration confirmation email sent to the account used to register for the course)*
b. *On the **Statistical Processing In Progress page**, scroll down to the **Statistical Processing Labs** section and click the **LAUNCH** button.*
c. *Click the I AGREE link on the **Statistical Processing - Lab Work** page.*
d. *Under the **SERVERS** tab, click on the **CONNECT TO LAB SERVERS** button. Note it may take several minutes for the servers to be available.*
e. *Once the lab server is ready, the **Statistical Processing Labs** page will display the **SERVER URL**, a **SPLUNK USER NAME**, and **PASSWORD**. Click on the **SERVER URL** link.*
f. *The **LAB DOCUMENT** section on the **Statistical Processing Labs** page contains the lab instructions. Follow the instructions to complete **Lab Exercise 1 – Transforming Data** section.*

Part 2: Complete Lab Exercise 1 – Transforming Data.

a. ***Lab Exercise 1 – Transforming Data** asks you to save your work as a report(s). Every time you do so, follow the instructions on the Before You Begin - How to Submit This Activity to submit your work.*
b. *We strongly recommend you continue working and finish all the other exercises in this lab.*