Cribl Practices

Overview

Welcome to the Cribl Practices section! This segment is designed to serve as a comprehensive guide for newcomers and beginners to Cribl LogStream, empowering them to efficiently manage and edit pipelines while familiarizing themselves with the platform's features. Whether you're a seasoned professional or just starting your journey with Cribl, this section aims to provide you with the necessary skills to transition seamlessly into the Cribl team workforce for new projects.

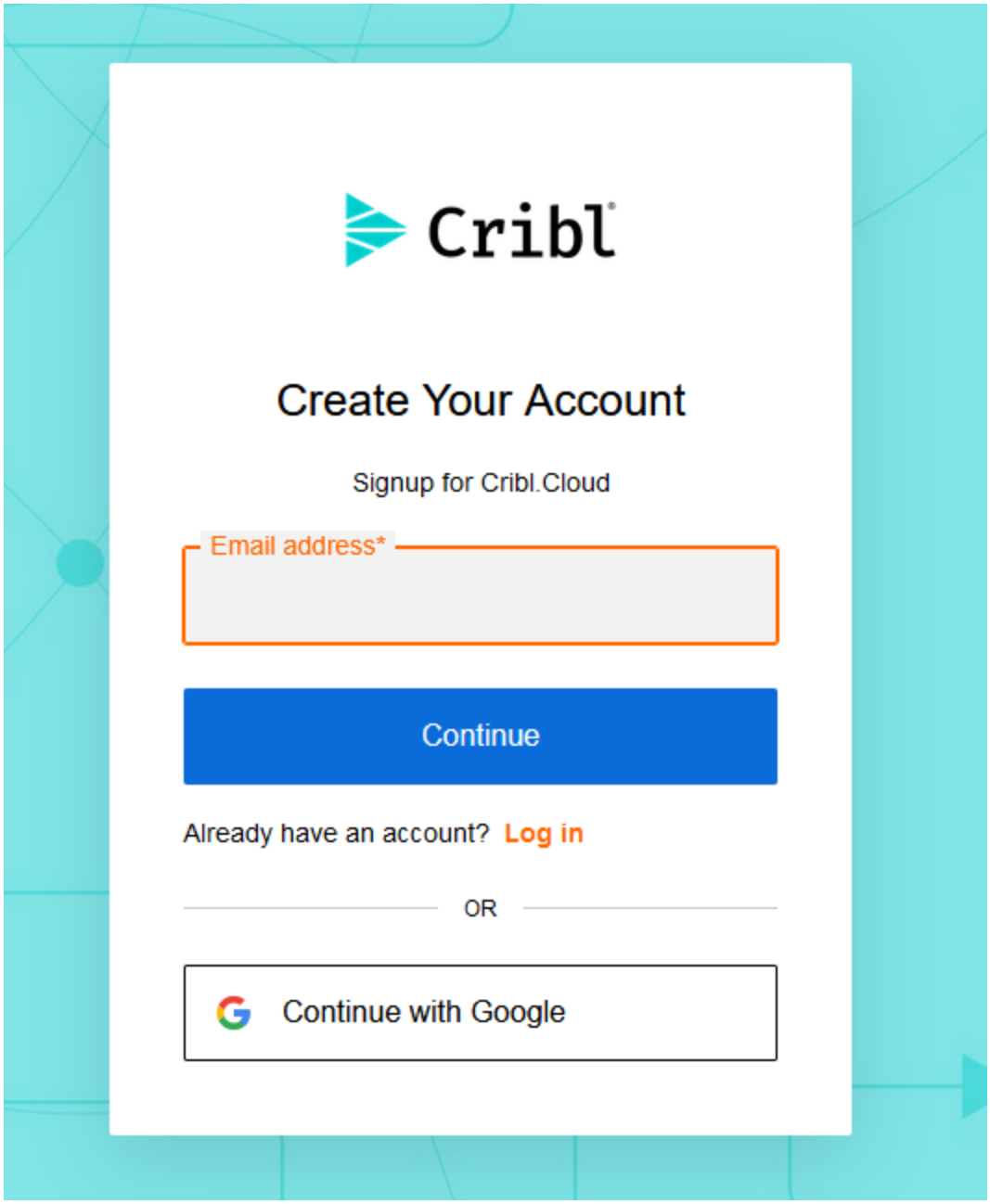
Within this section, you'll find a series of hands-on labs and exercises carefully curated to facilitate your learning experience. These labs offer a practical approach to understanding Cribl LogStream, allowing you to dive into real-world scenarios and explore various functionalities firsthand.

By engaging with these labs, you'll gain proficiency in managing and editing pipelines, mastering key features, and honing your troubleshooting skills. Whether it's parsing, routing, transforming, or enriching data, each practice is designed to equip you with the essential knowledge and techniques needed to excel in Cribl LogStream.

Whether you're looking to enhance your existing skills or embark on a new journey with Cribl, this section provides a valuable resource to accelerate your learning and development. So, dive in, explore, and empower yourself to unleash the full potential of Cribl LogStream!

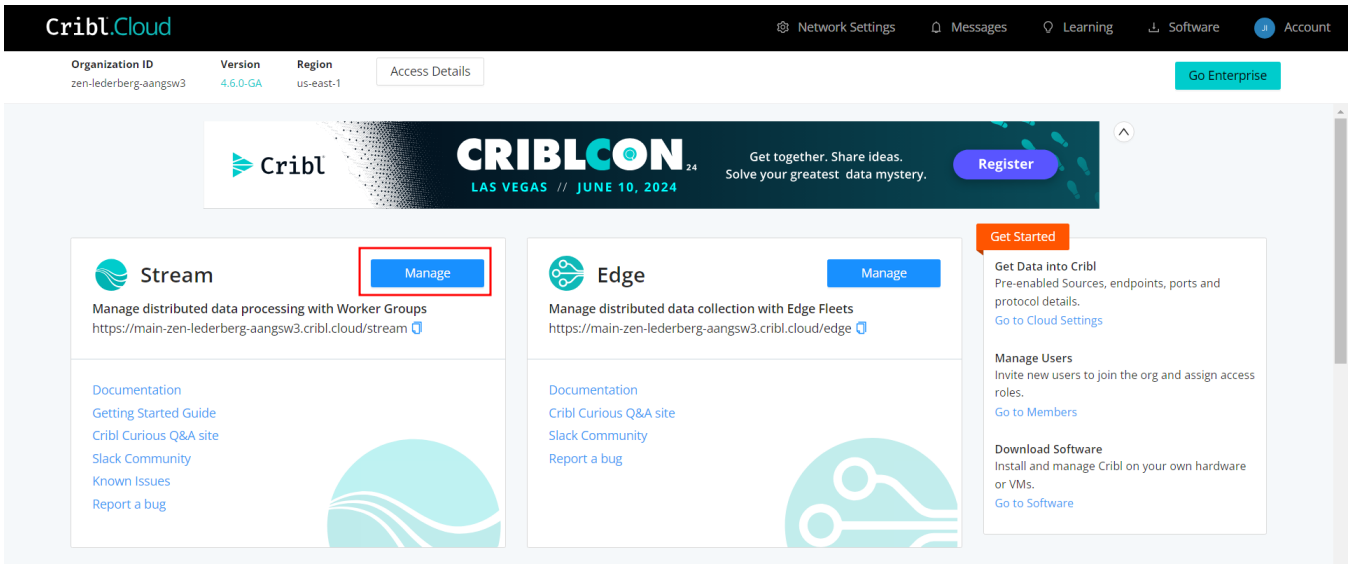
Here's a guide on how to play with the labs:
1) Sign up for a Cribl.Cloud Account: If you haven't already done so, navigate to https://manage.cribl.cloud/ and sign up for a new account. Follow the registration process to create your account.


Cribl
Welcome
Login to Cribl.Cloud
Email address*
jialiang_chan
Continue
Don't have an account? Sign up
OR
Continue with Google

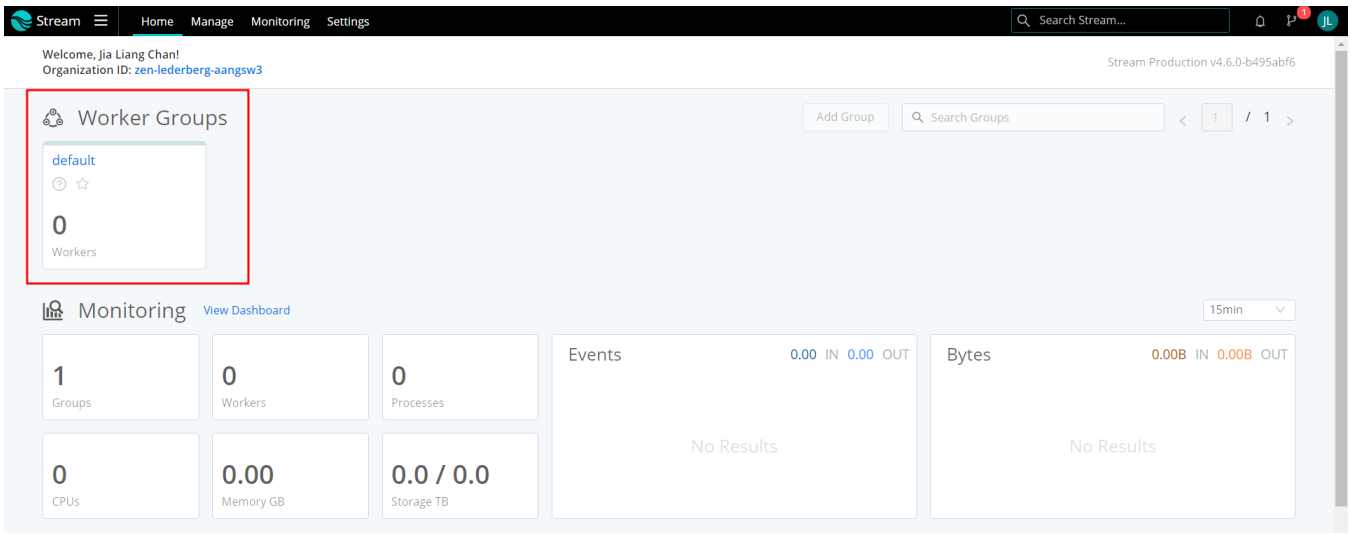


2) Access Cribl.Cloud UI: Once you've successfully registered and logged in, you'll be directed to the Cribl.Cloud user interface. Here, you'll find various options and functionalities to manage your streams.

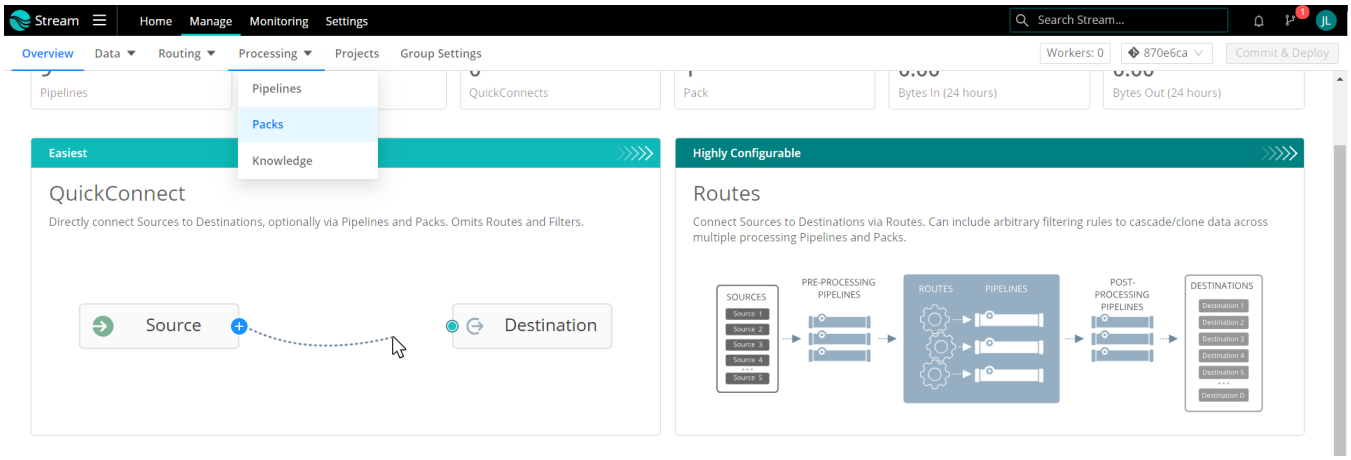
3) Navigate to "Manage Stream": In the Cribl.Cloud UI, locate and click on the "Manage Stream" tab or option. This will take you to the section where you can create, manage, and configure your streams.



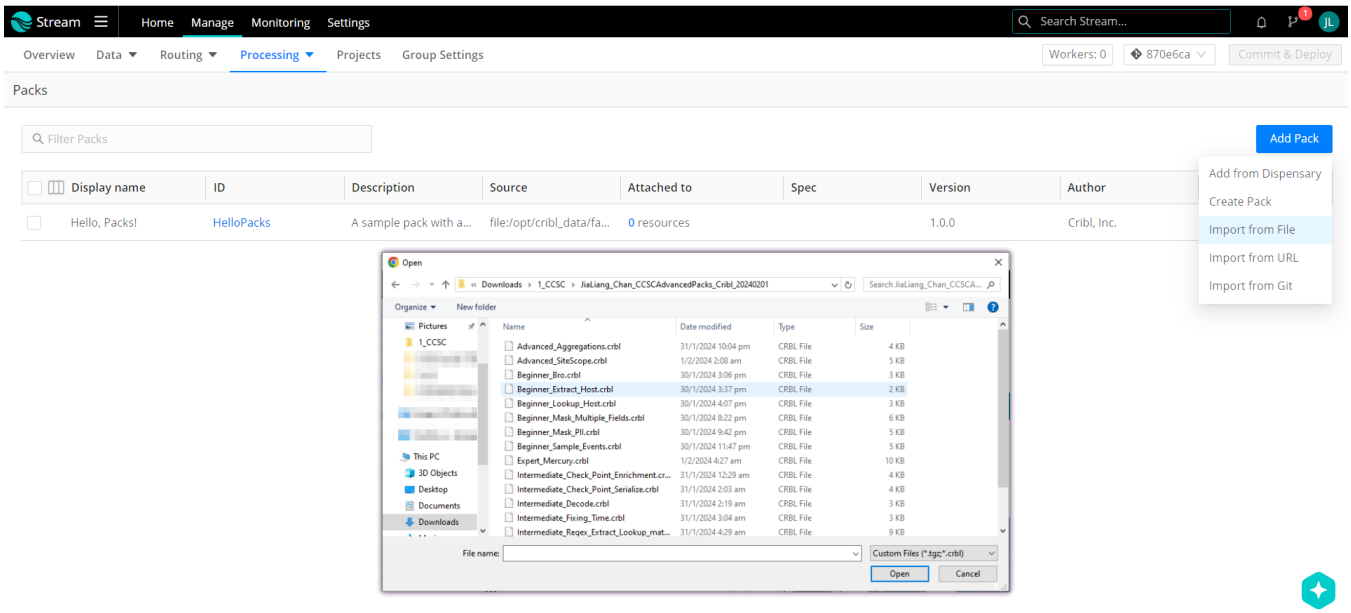
4) Access the default Worker Group: In the Cribl.Cloud UI, locate and click on the "default" tab under Worker Groups section.



5) Navigate to Packs: In the Cribl.Cloud UI, locate and click on the "Processing > Packs" tab under **Manage** tab on navigation bar.



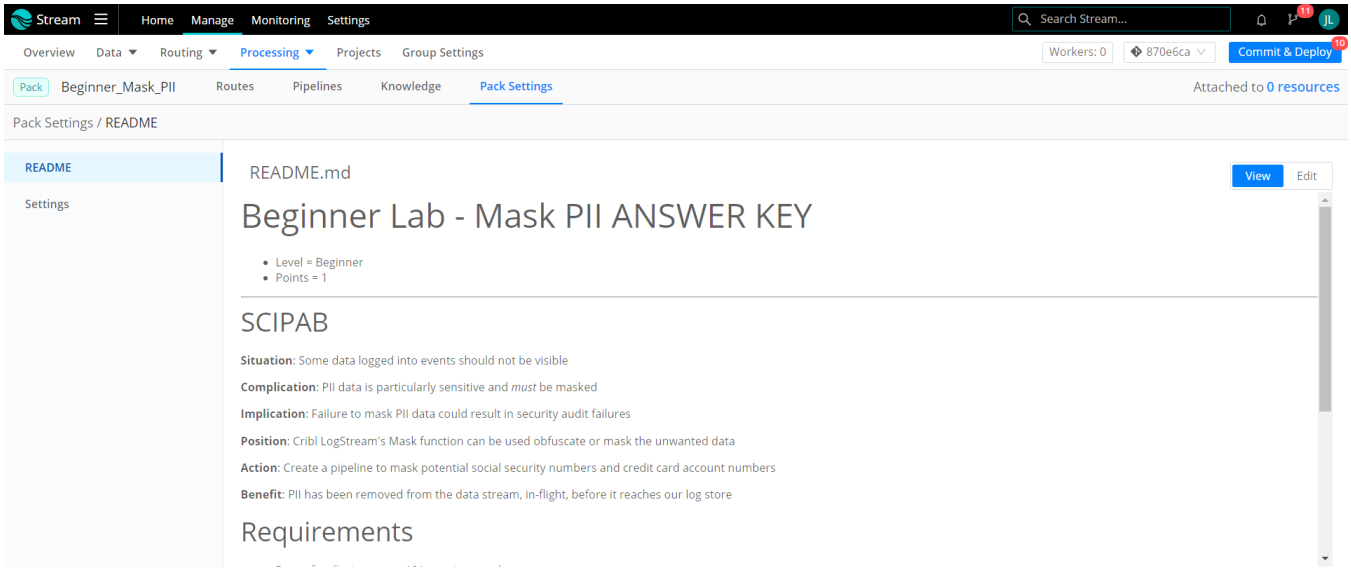
6) Open Lab Exercises in (.crbl) file extension and Start the Fun: In the Cribl.Cloud UI, locate and click on the "Add Pack > Import from File" to select the lab exercise that you wish to start for



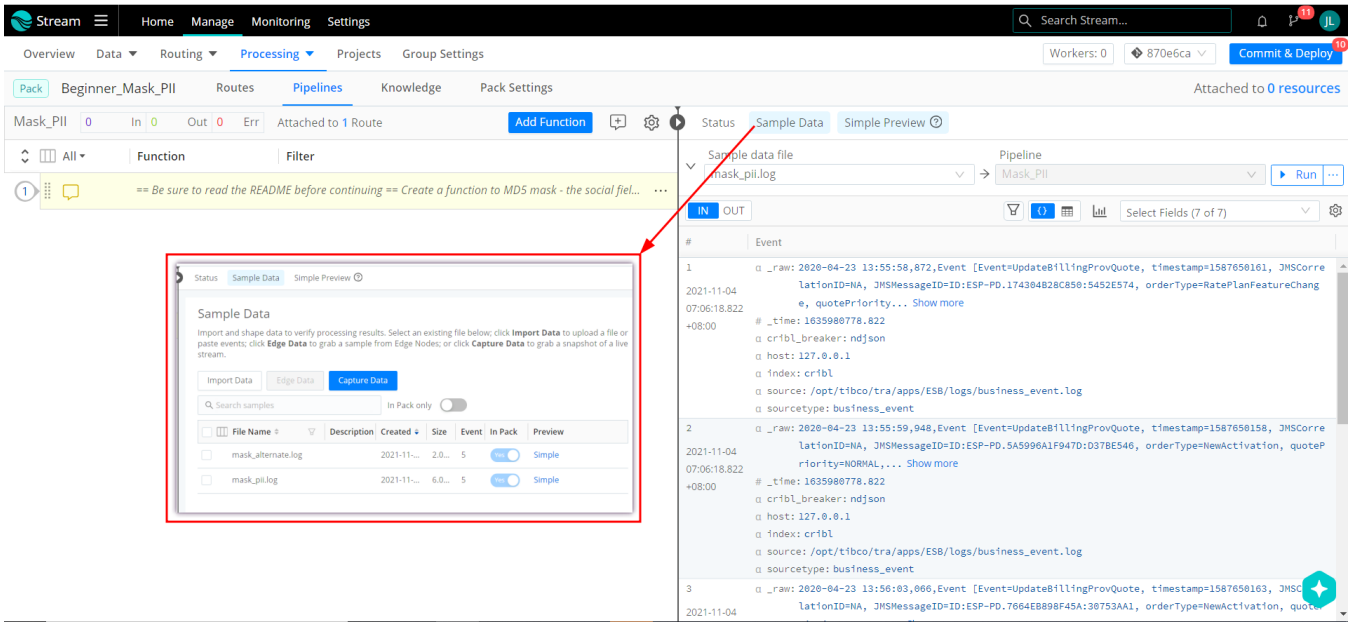
Reminder:

Navigate to "Processing > Pack Settings > README". Each pack is self-contained and includes a ReadMe that describes a specific SCIPAB (Situation, Complication, Implication, Position, Action, Benefit). All that should be needed to complete these Packs is a Cribl instance running anywhere (Cribl.Cloud). No live data or datagen needs to be configured. Once completed, you will export them to keep a copies to yourselves.

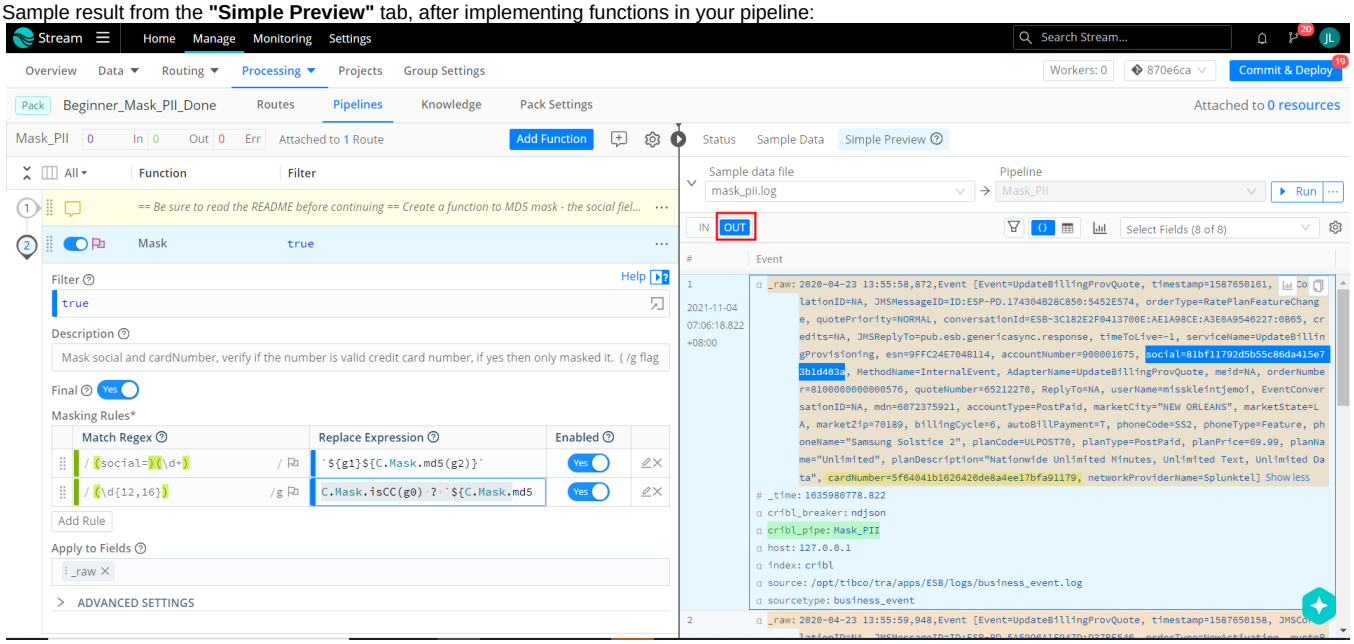
Inactive periods in Cribl.Cloud may lead to the closure of instances, potentially resulting in the loss of all saved work. Therefore, it is advised to export all your work locally as a backup or reference for future use.



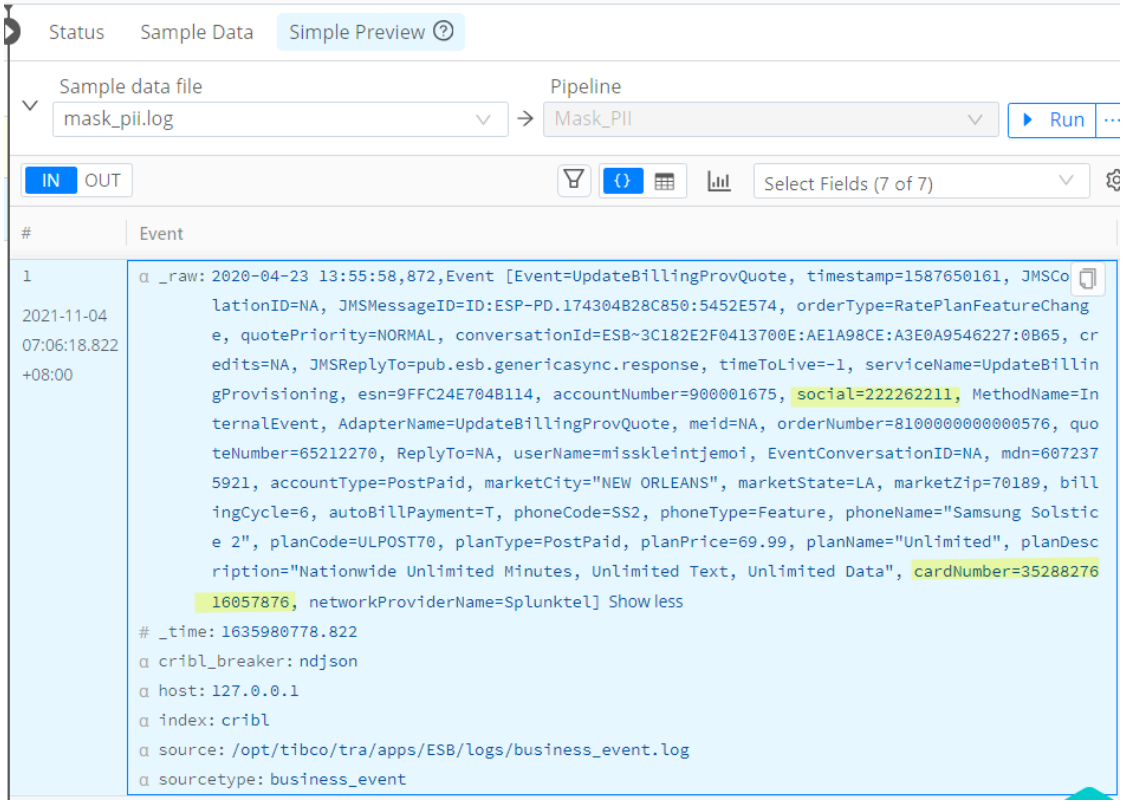
Navigate to "Processing > Pipelines", and start your journey with playing around with the function ("Add Function") and achieving the goals stated in README.
In **"Sample Data"** tab, there are the sample logs which has been generated for you to apply functions built in your pipeline onto the events, and eventually you can observer the changes and behavior in **"Simple Preview"** tab



Sample result from the **"Simple Preview"** tab, after implementing functions in your pipeline:



Before that, social and cardNumber (highlighted in yellow) is in plaintext, and we cound observe they turned into hash after going through the `Mask_PII` pipeline we built.



Last but not least, the four important pillars will guide you throughout the journey to maximize your outcome.

- **Experiment and Learn:** With the instructions in hand, begin working through the lab exercises. Utilize the features and functionalities of Cribl LogStream to complete the tasks assigned in the lab. Don't hesitate to experiment and explore different options to deepen your understanding.
- **Seek Assistance if Needed**: If you encounter any challenges or have questions while working through the labs, don't hesitate to reach out for assistance. You can refer to the documentation, community forums, or contact support for help and guidance.
- **Review and Reflect**: Once you've completed the lab exercises, take some time to review your work and reflect on your learning. Consider what you've accomplished, any insights gained, and areas for further exploration or improvement.
- **Repeat and Explore More**: To further enhance your skills and knowledge, feel free to explore additional labs and exercises available in the Cribl. Cloud environment. Repeat the process outlined above to continue learning and expanding your proficiency with Cribl LogStream.