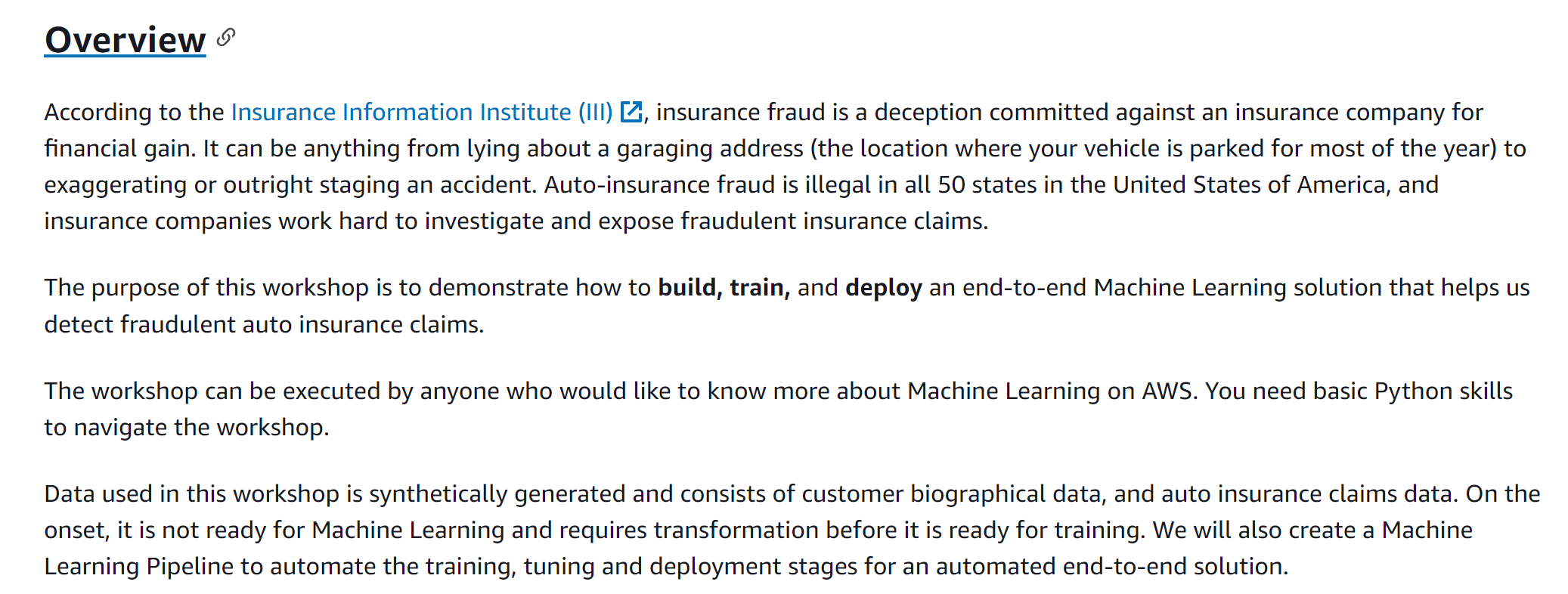
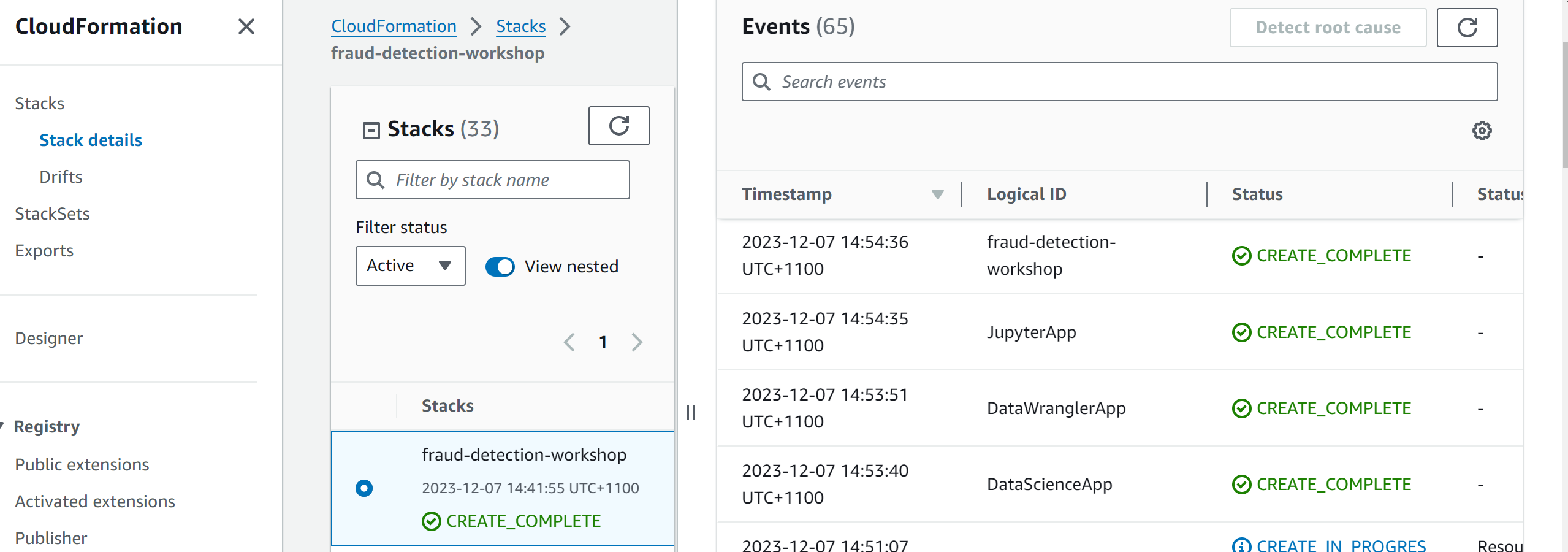
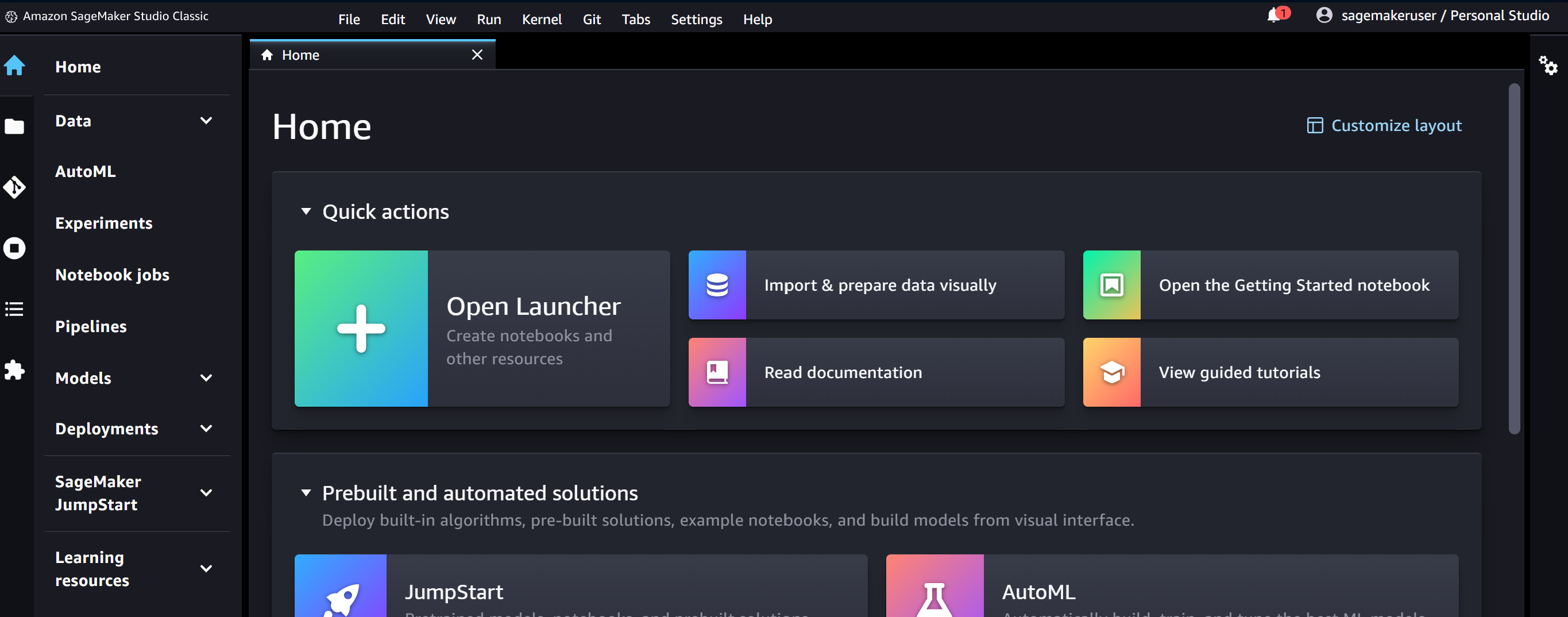
**Deploying a complete Machine Learning fraud detection solution using Amazon SageMaker**

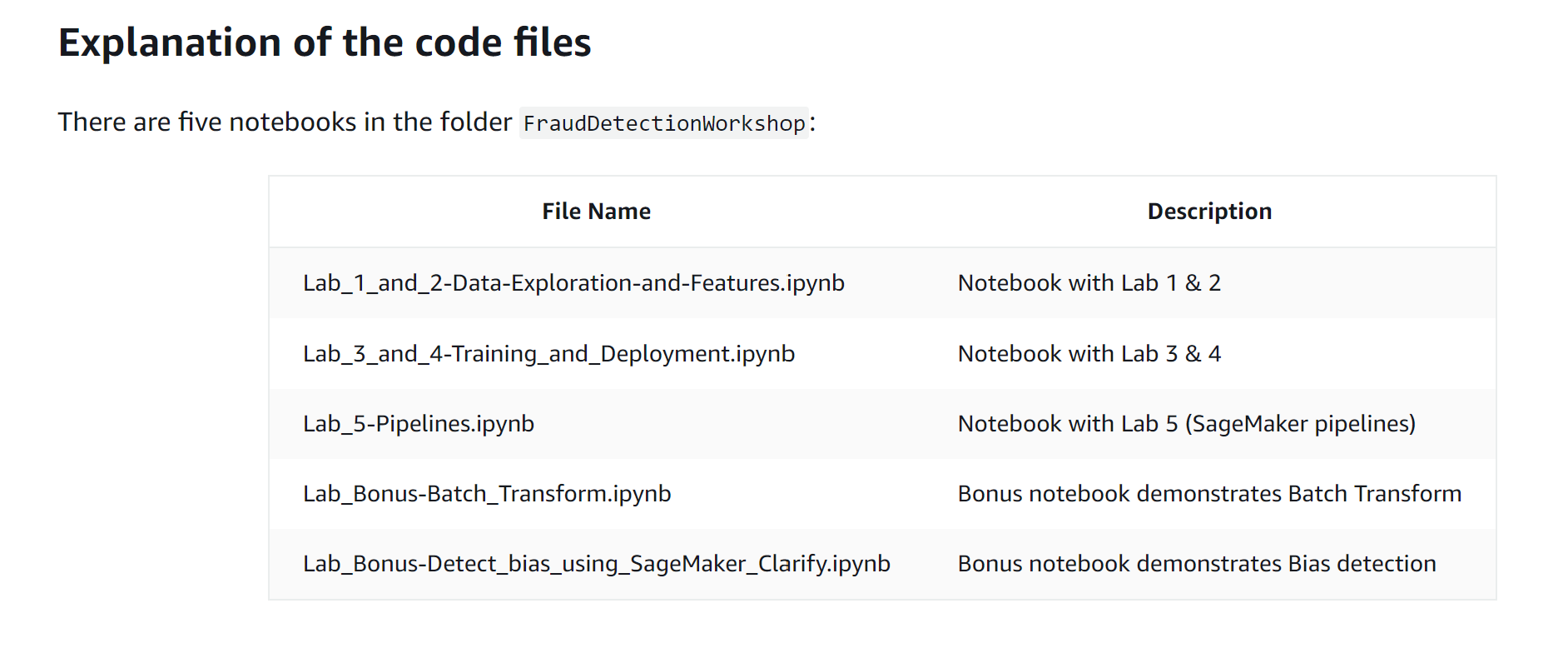
**https://catalog.workshops.aws/sagemaker-fraud-detection/en-US**

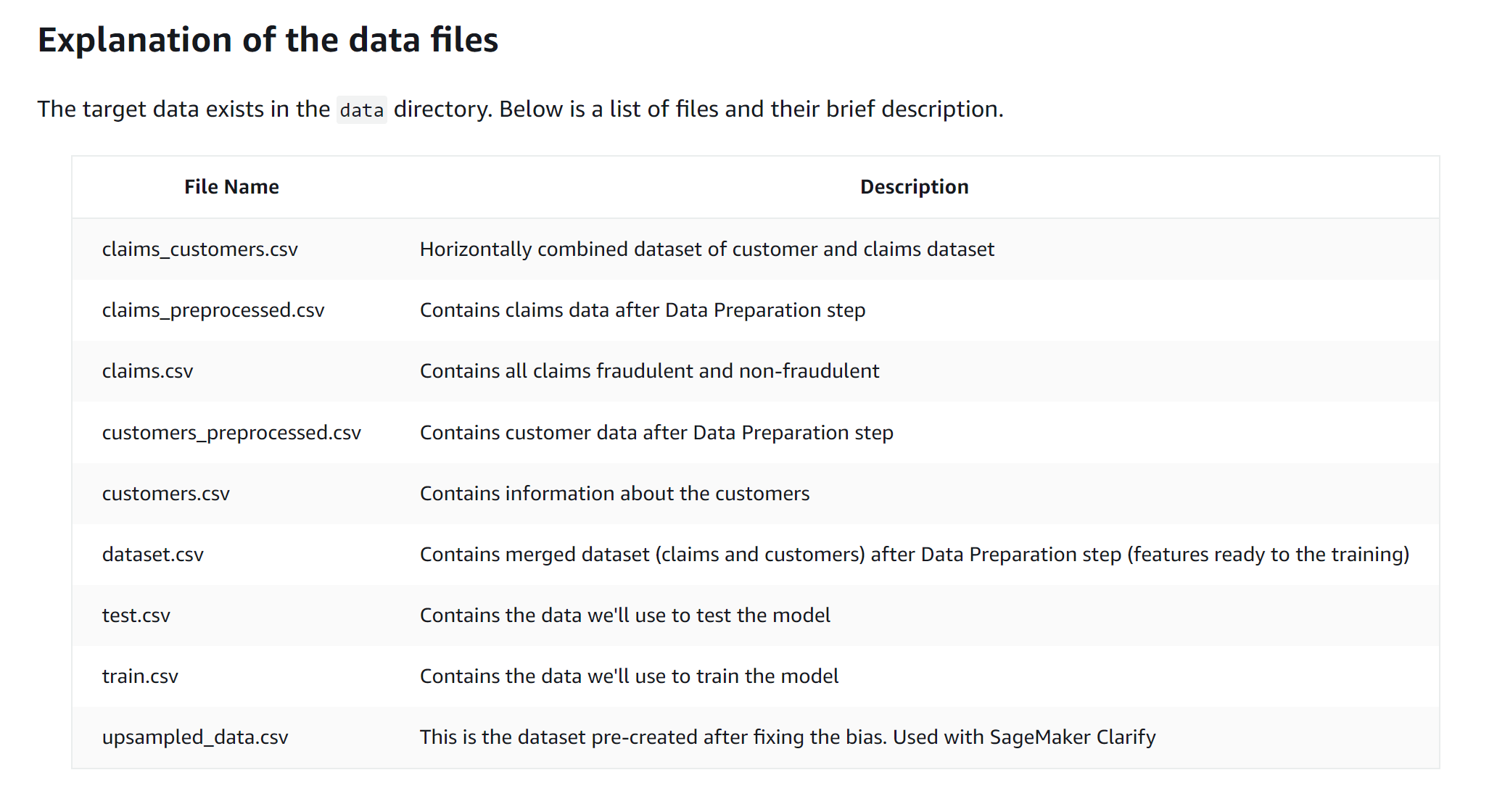


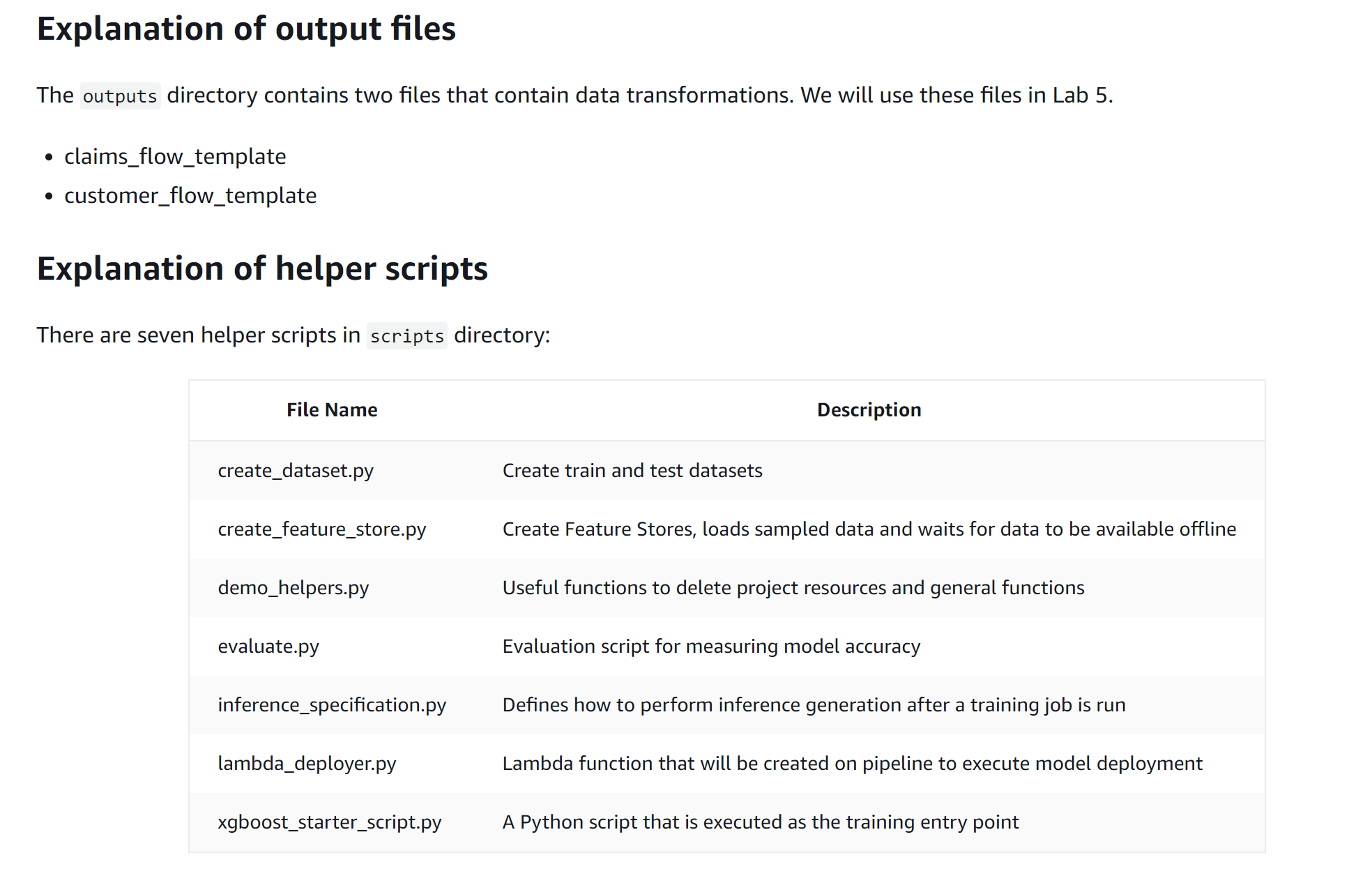






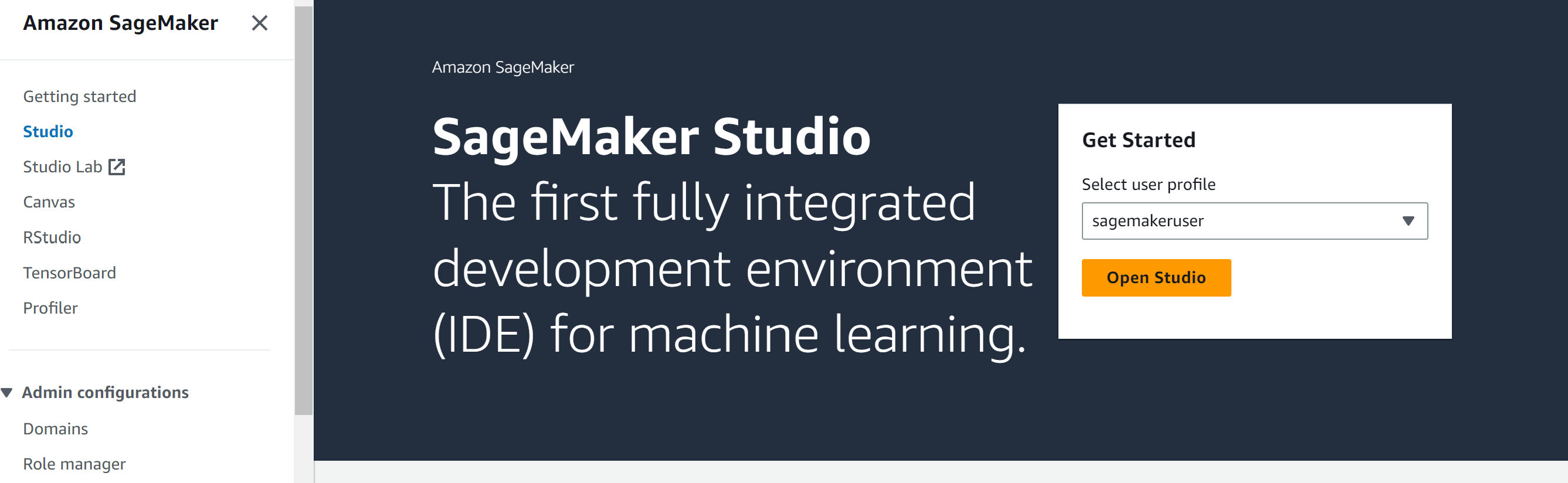


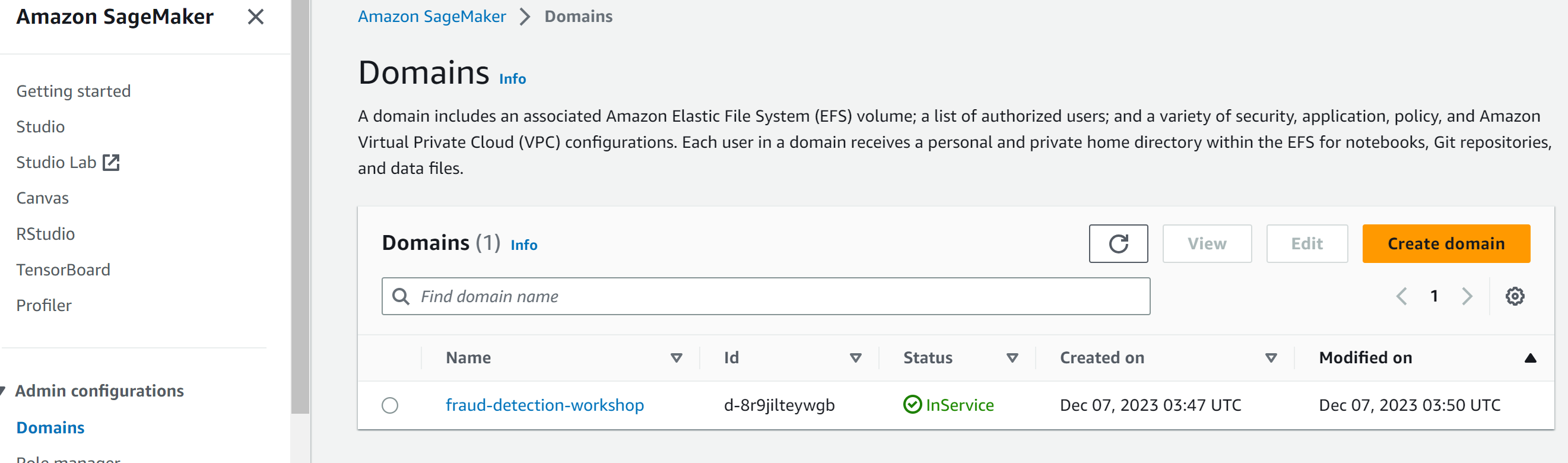




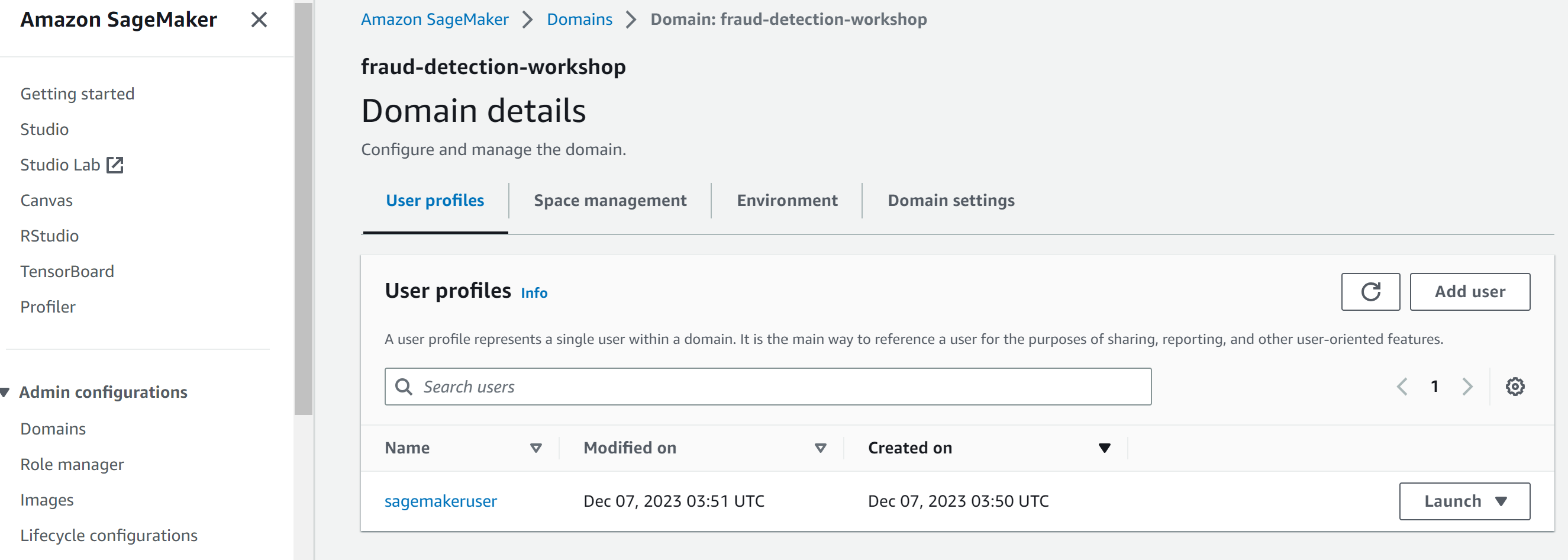
**XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX**

**All Pics**

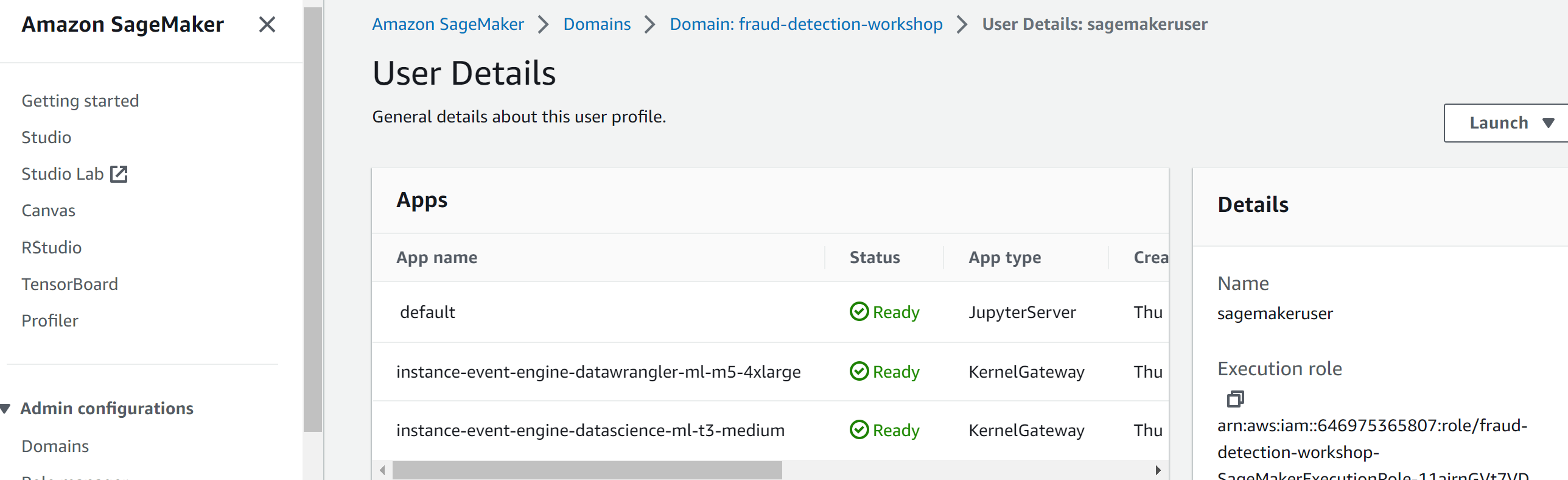




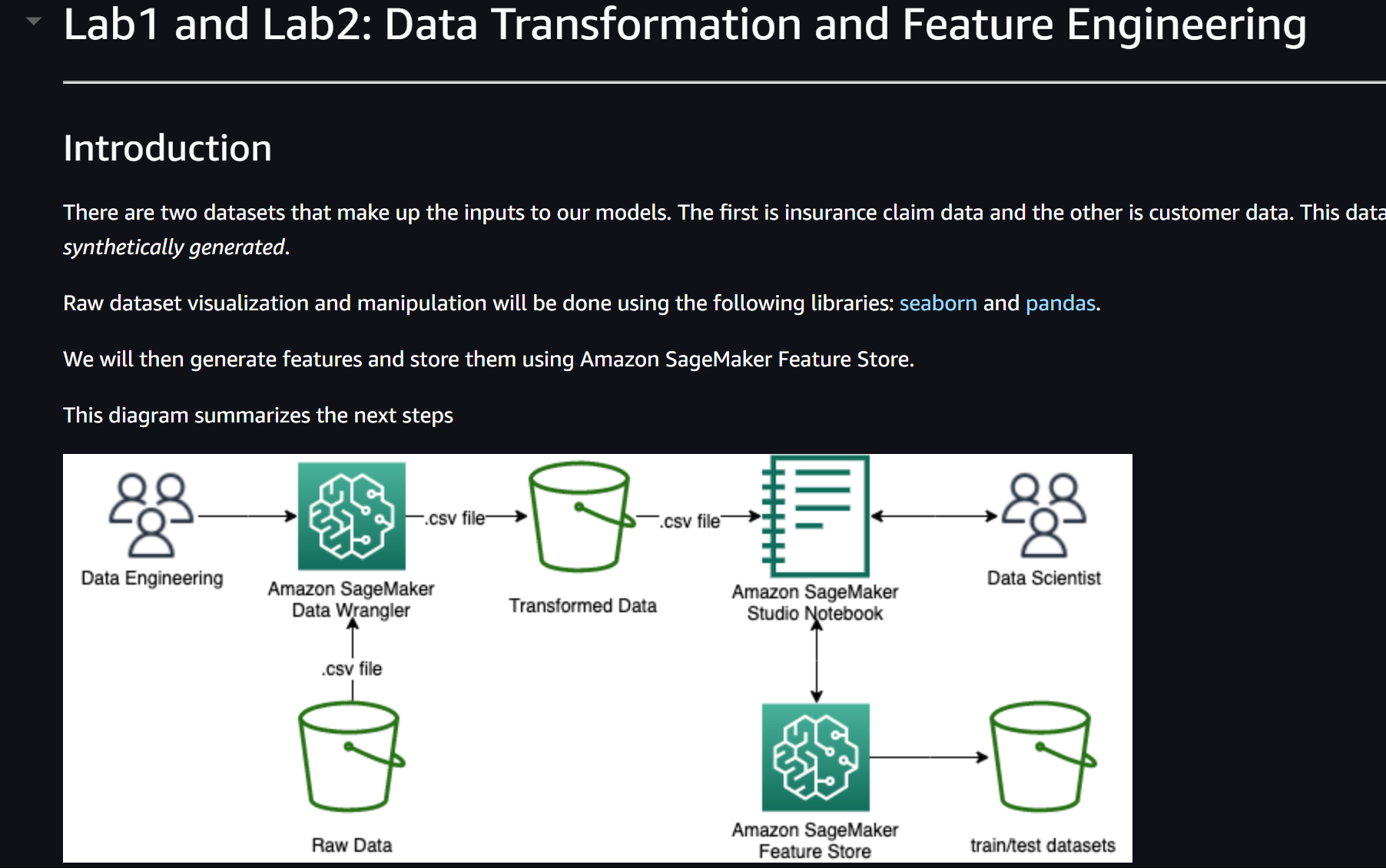
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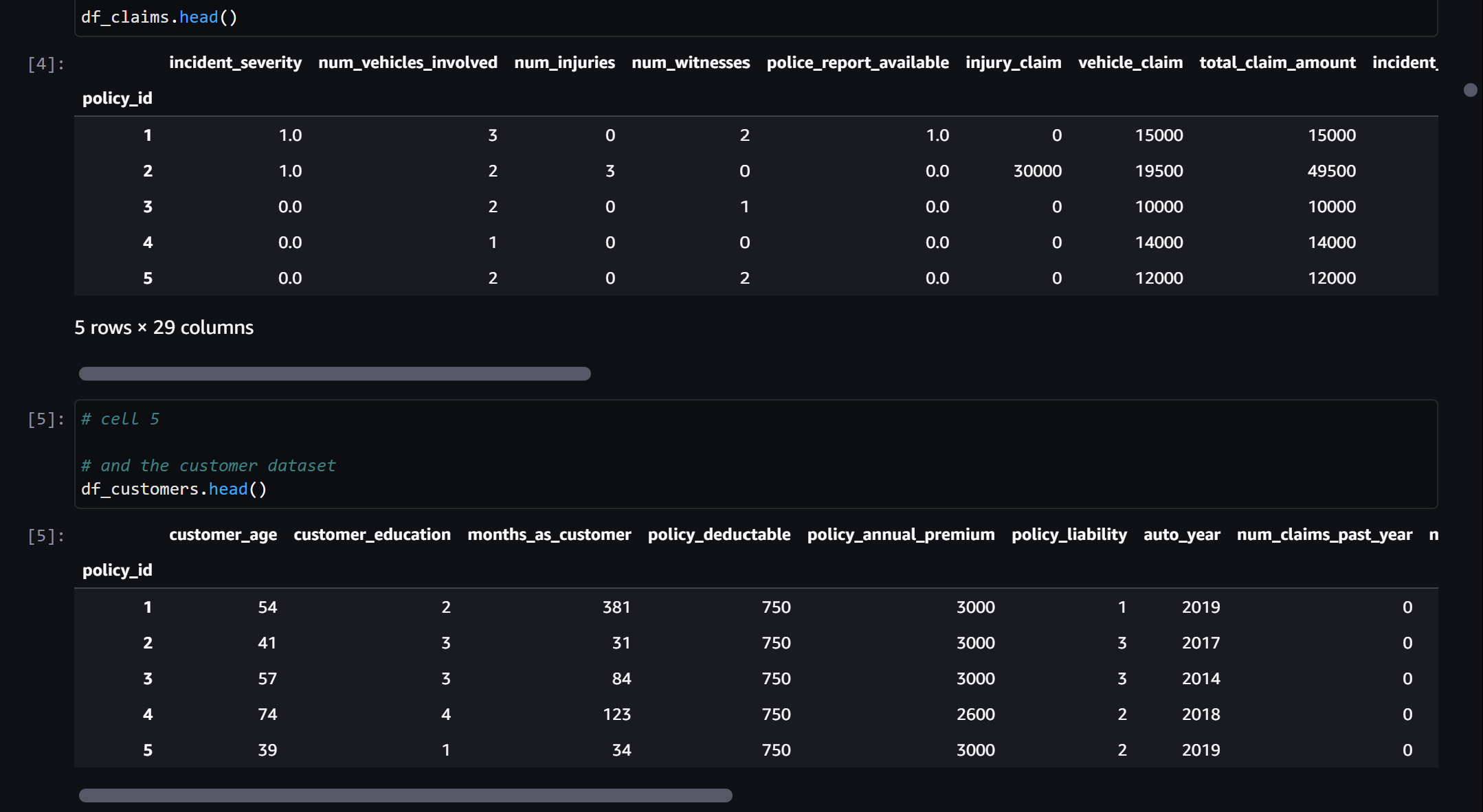


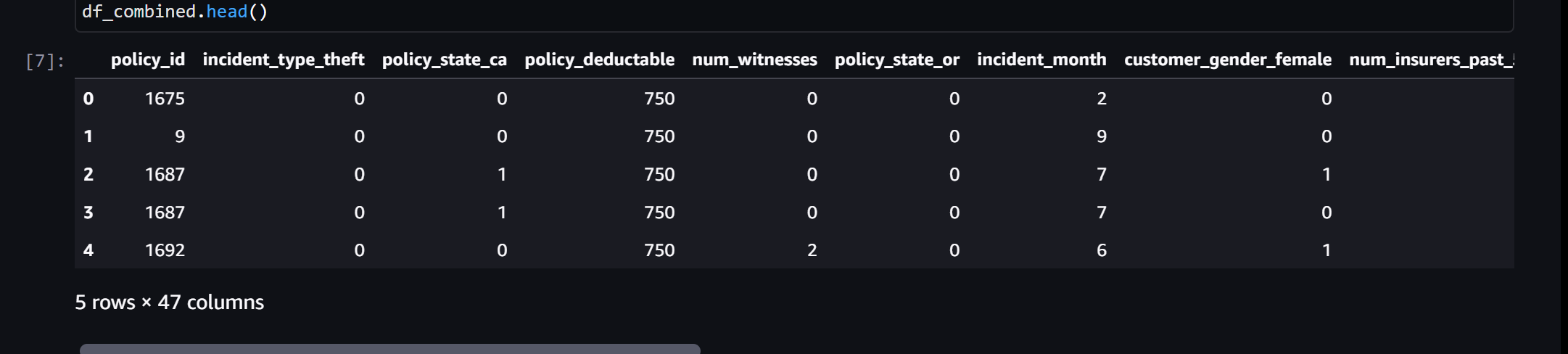
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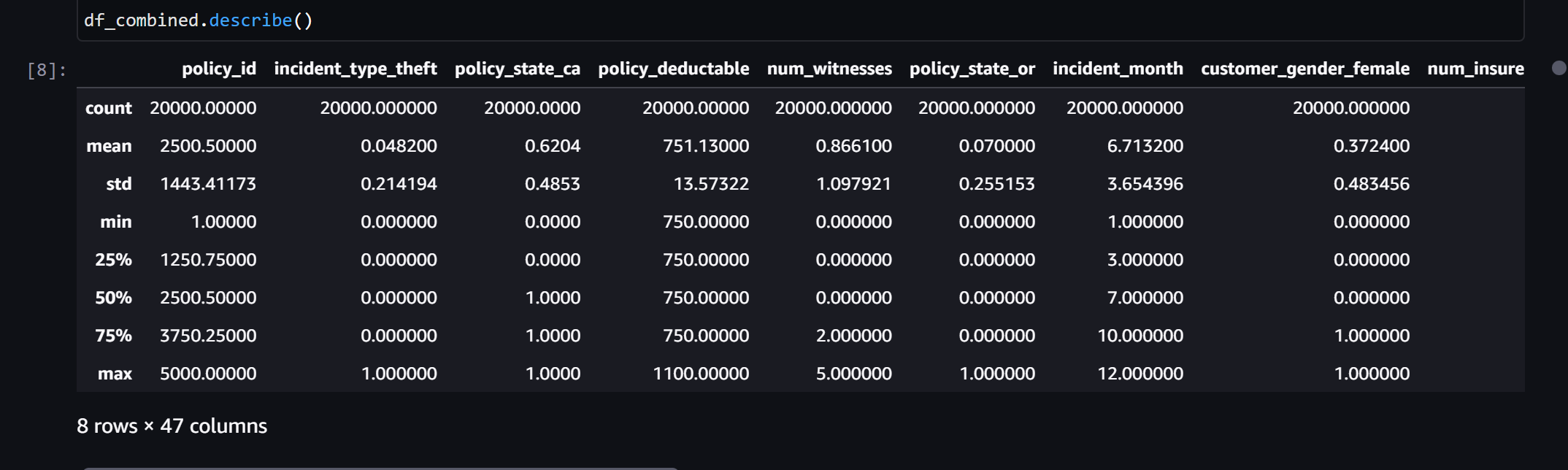


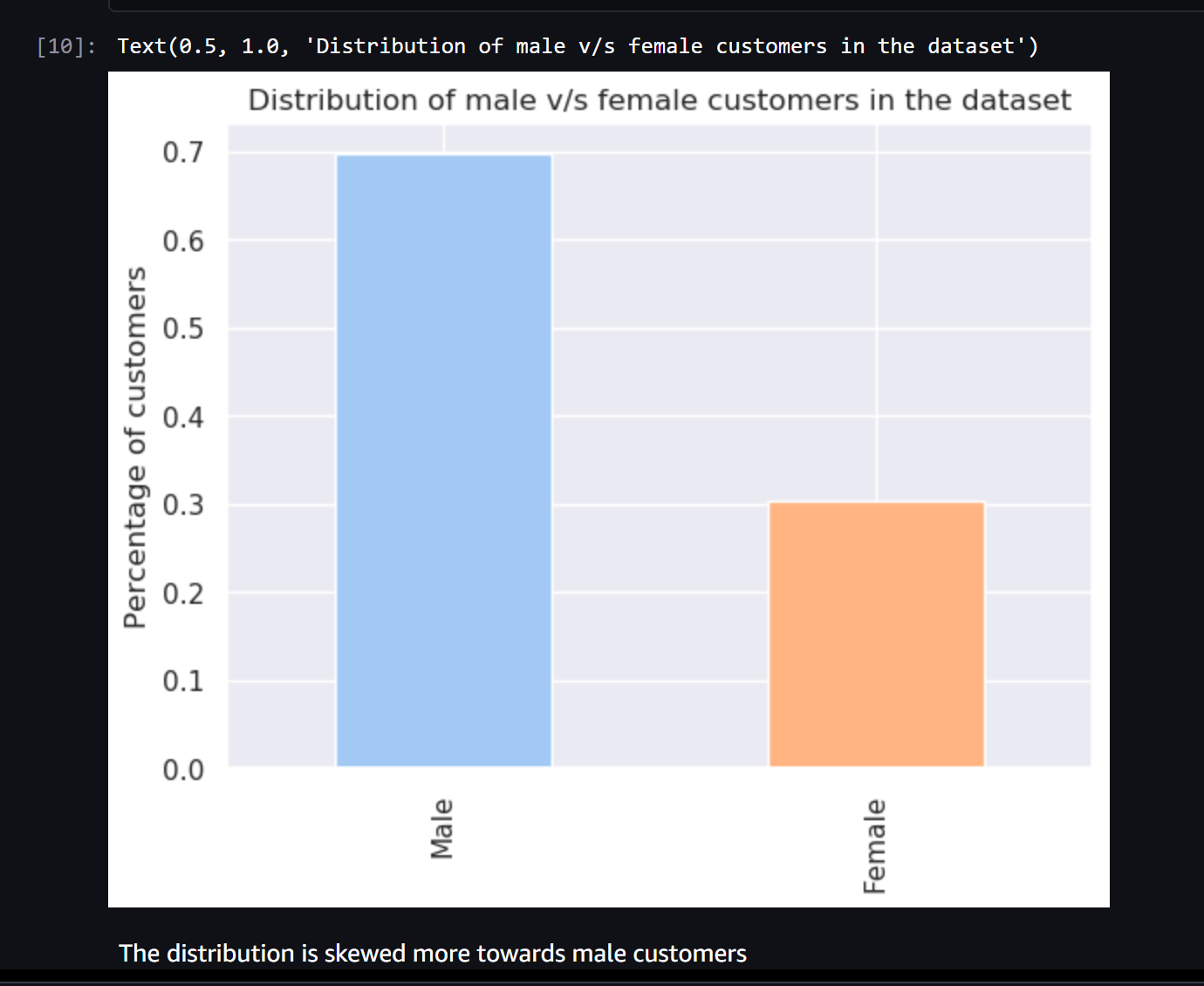
Lab\_1\_and\_2-Data-Exploration-and-Features.ipynb

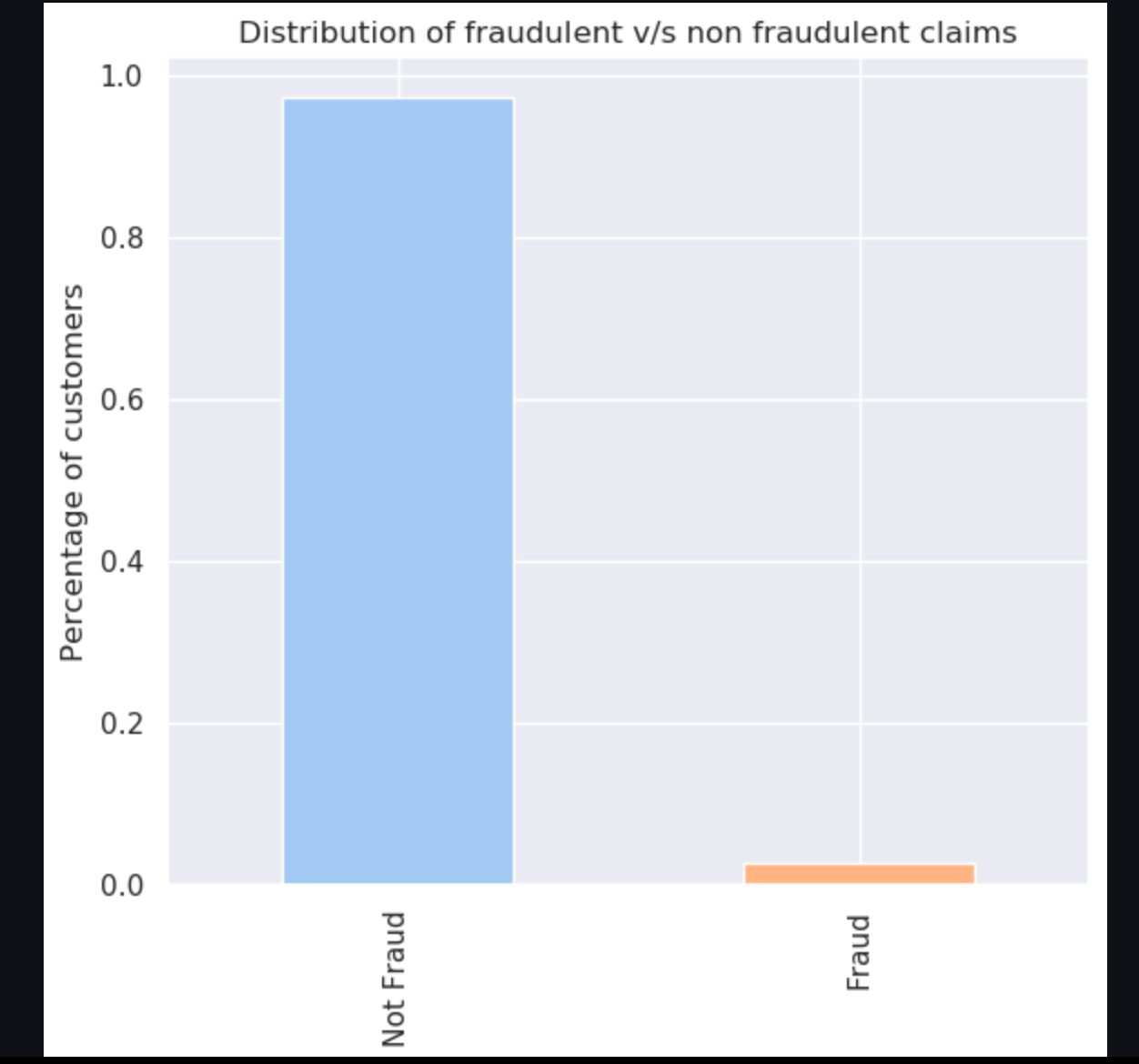




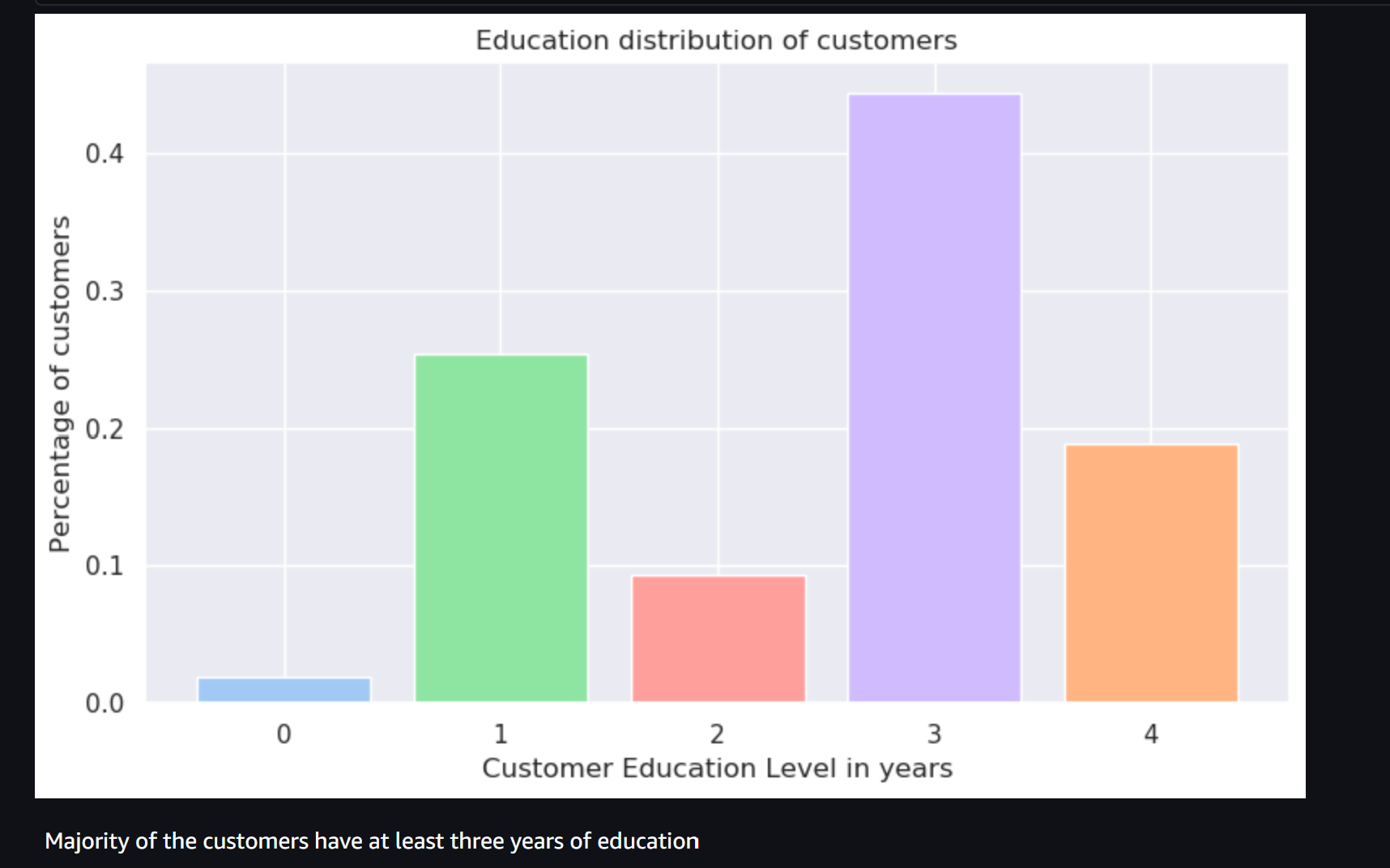


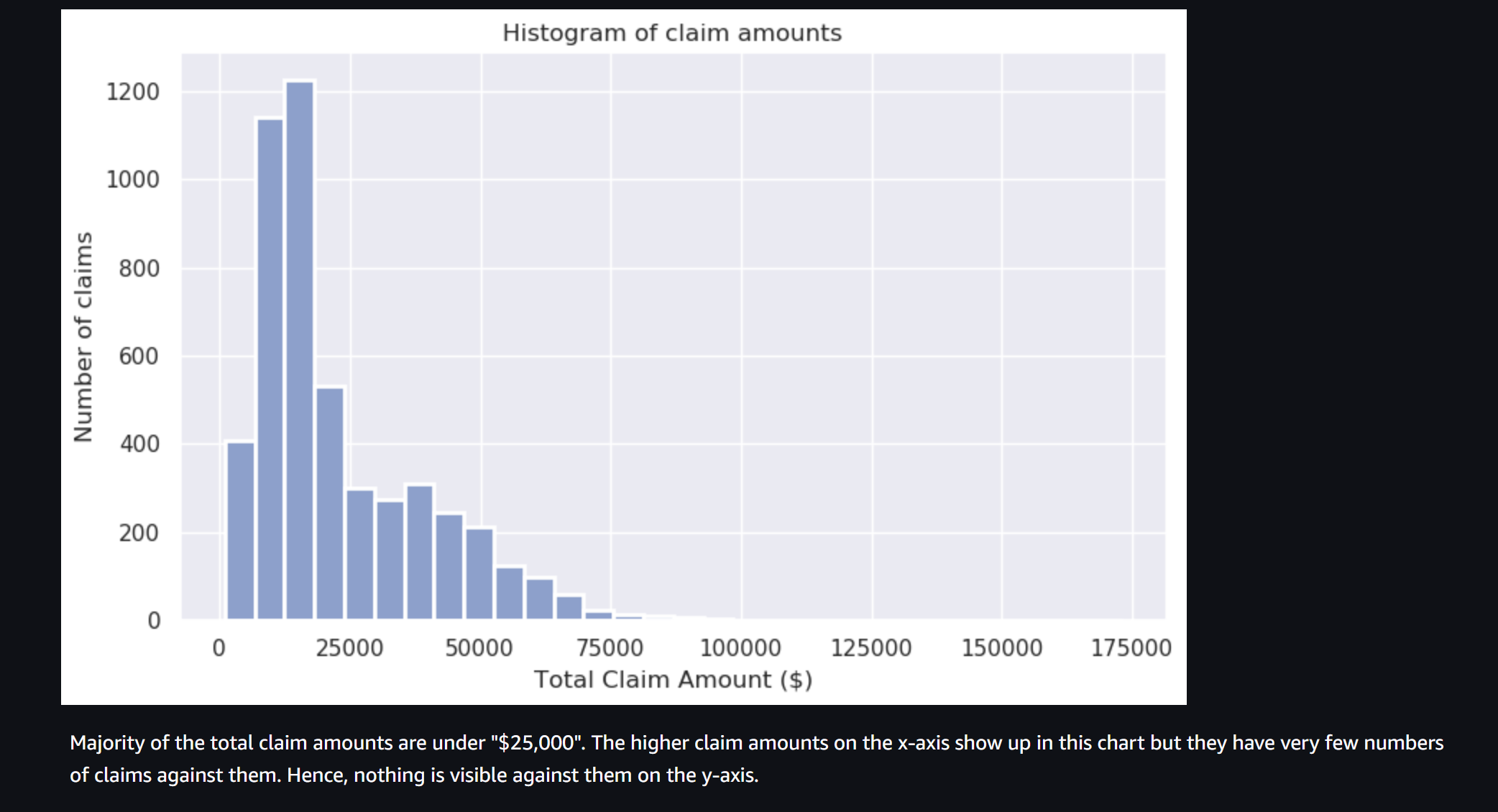


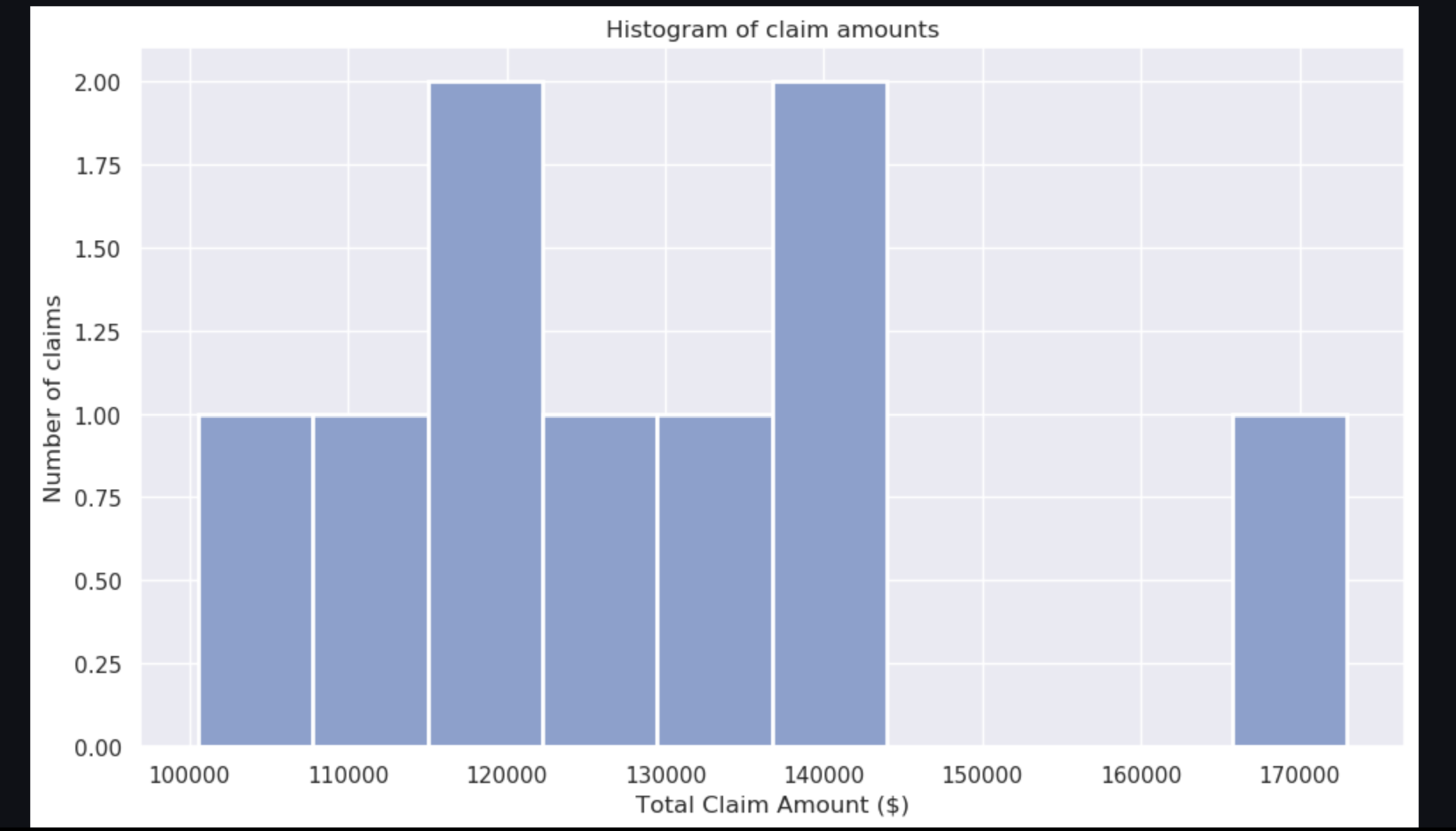


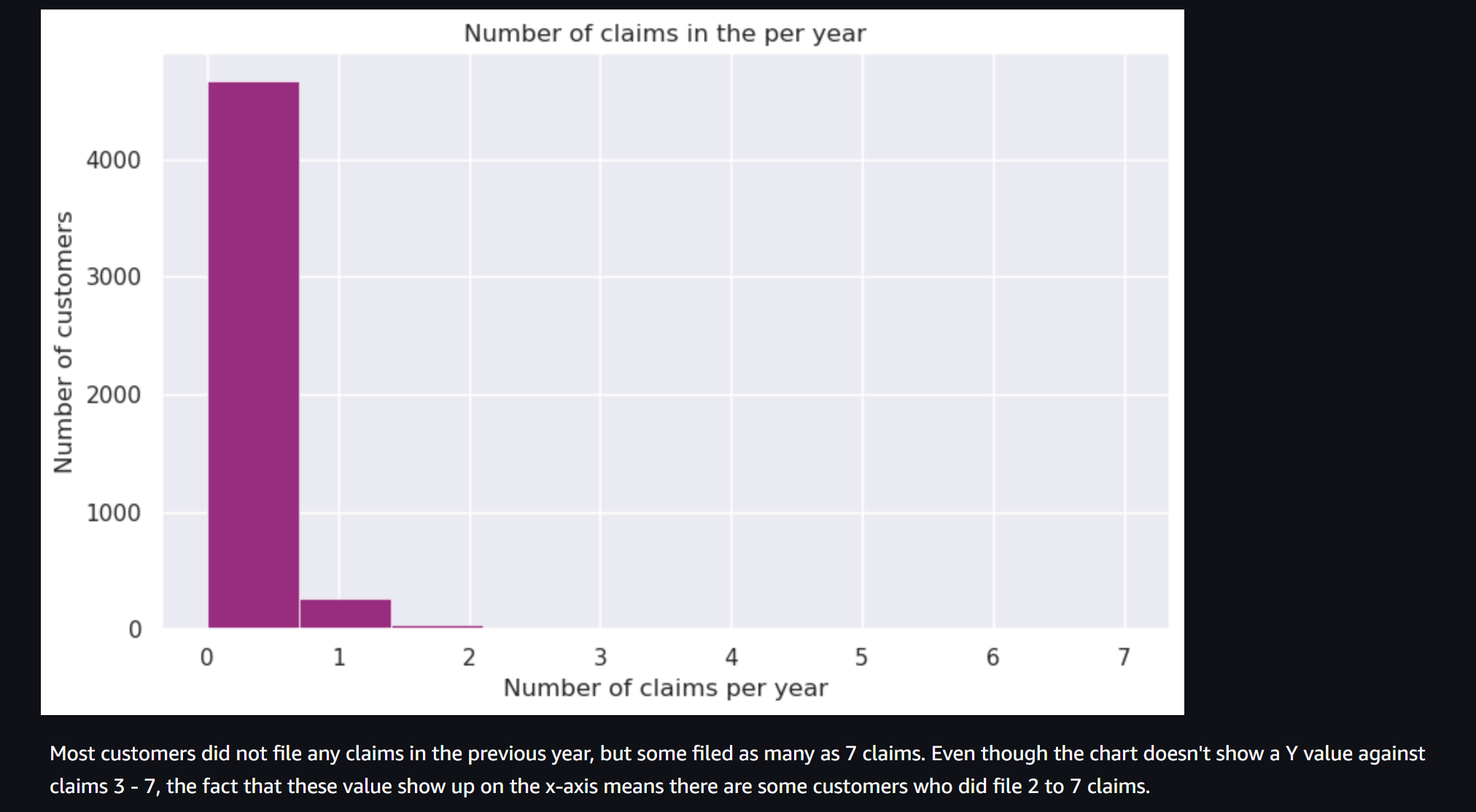


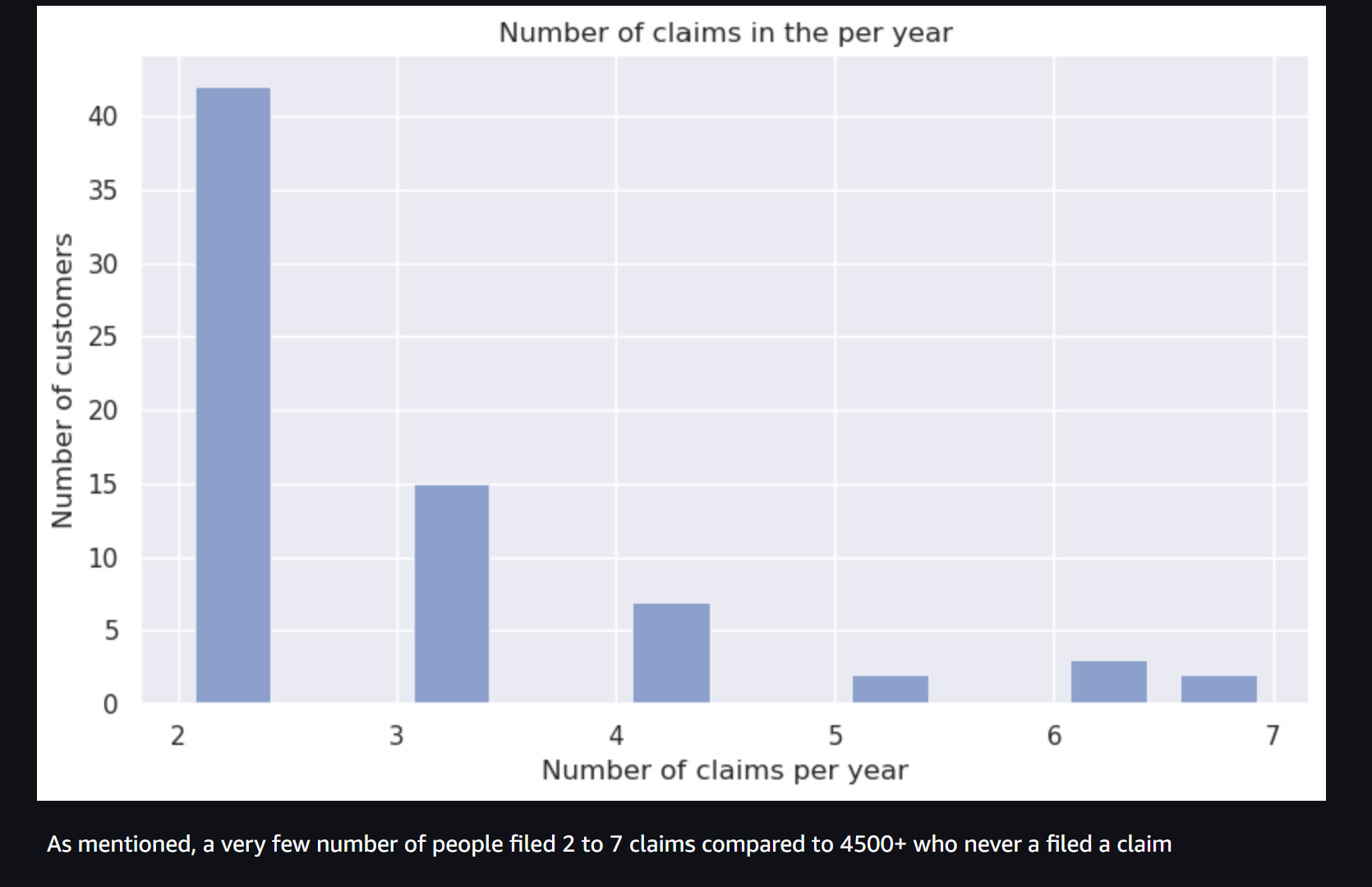
Majority of the claims aren't fraudulent which is a good sign

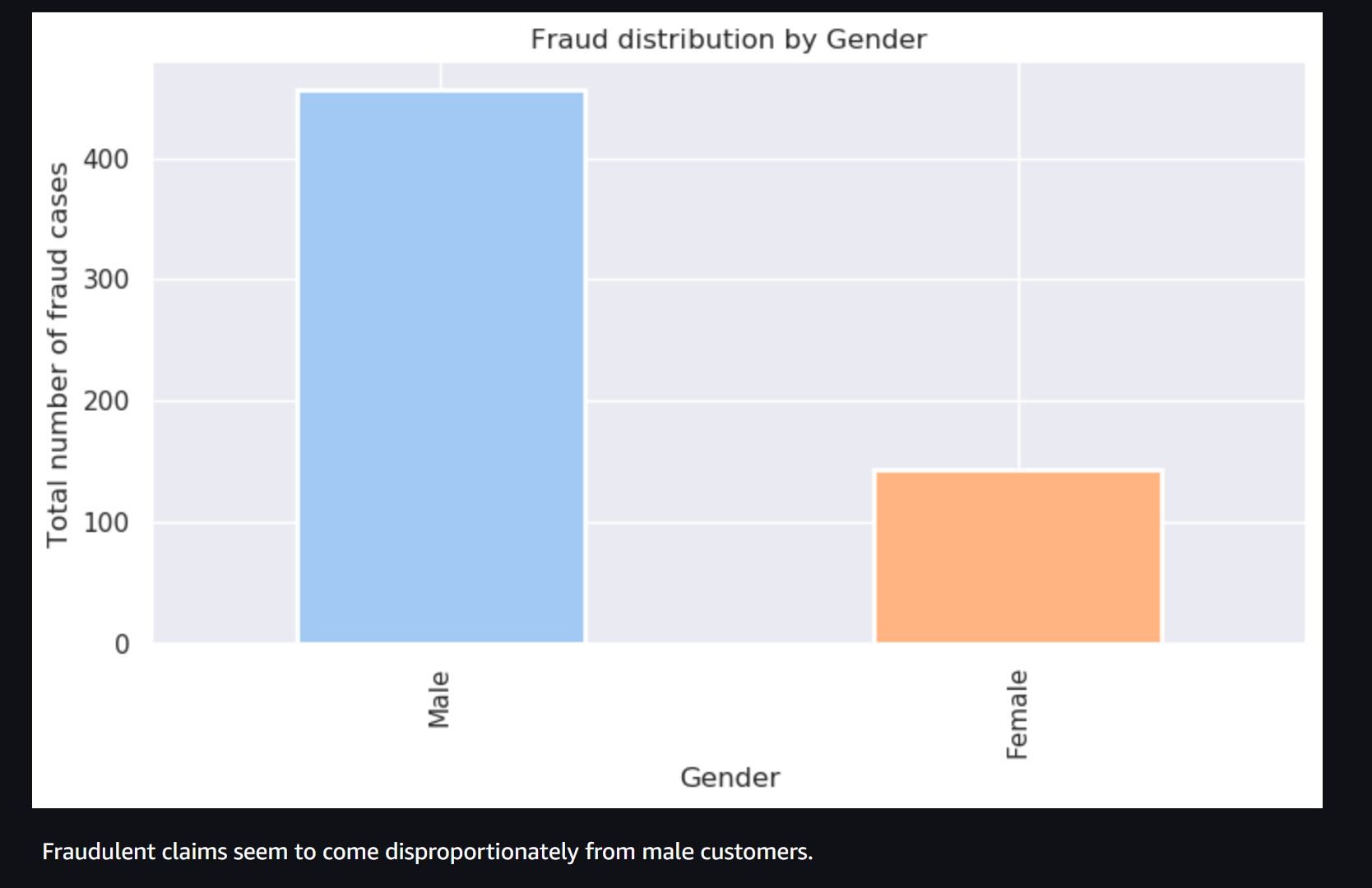


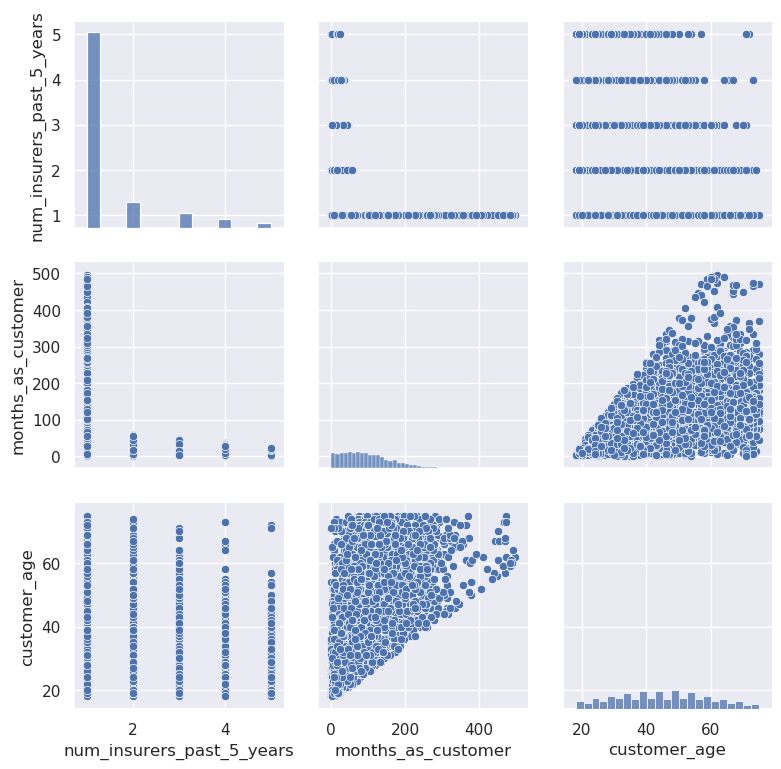


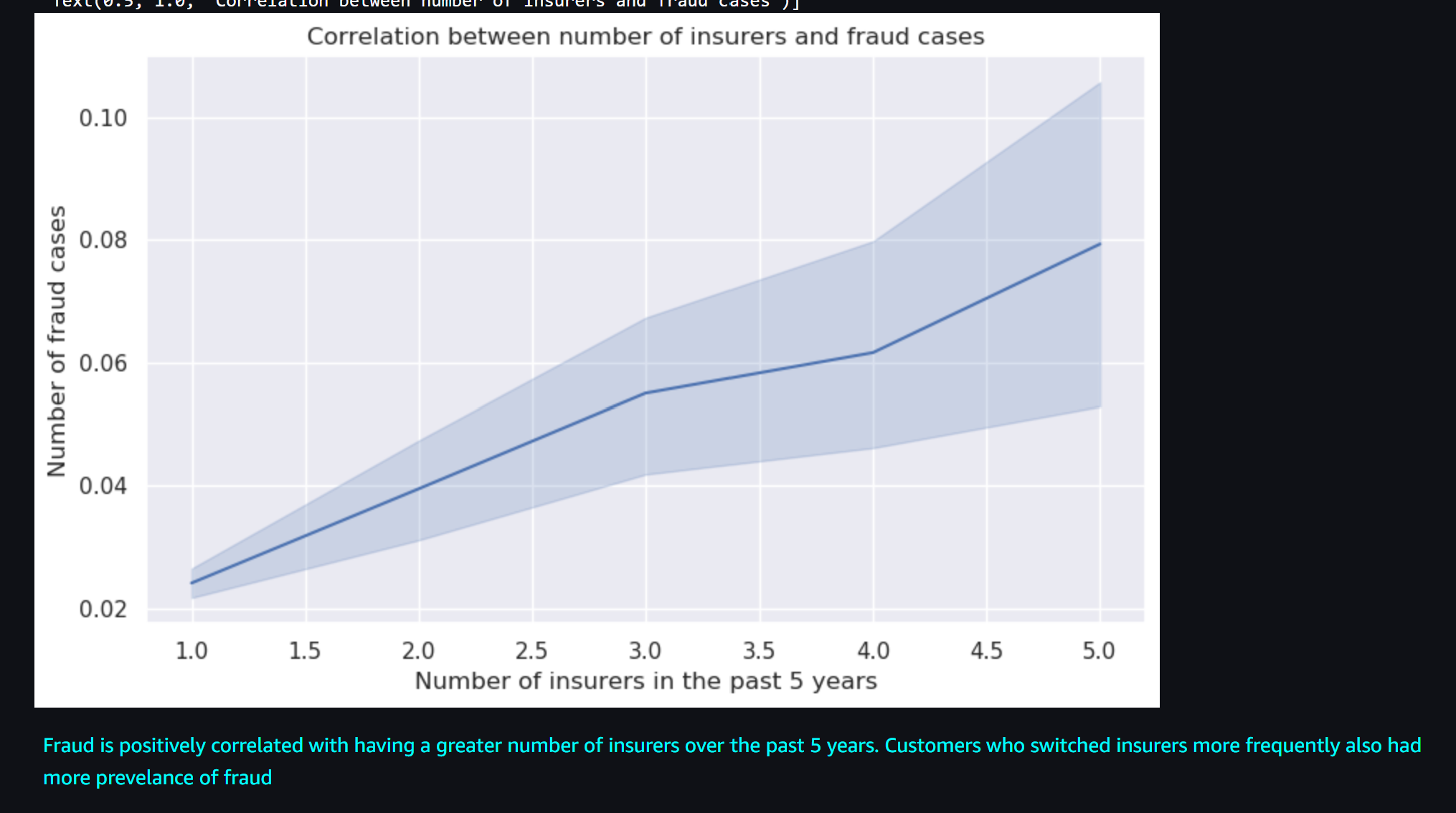


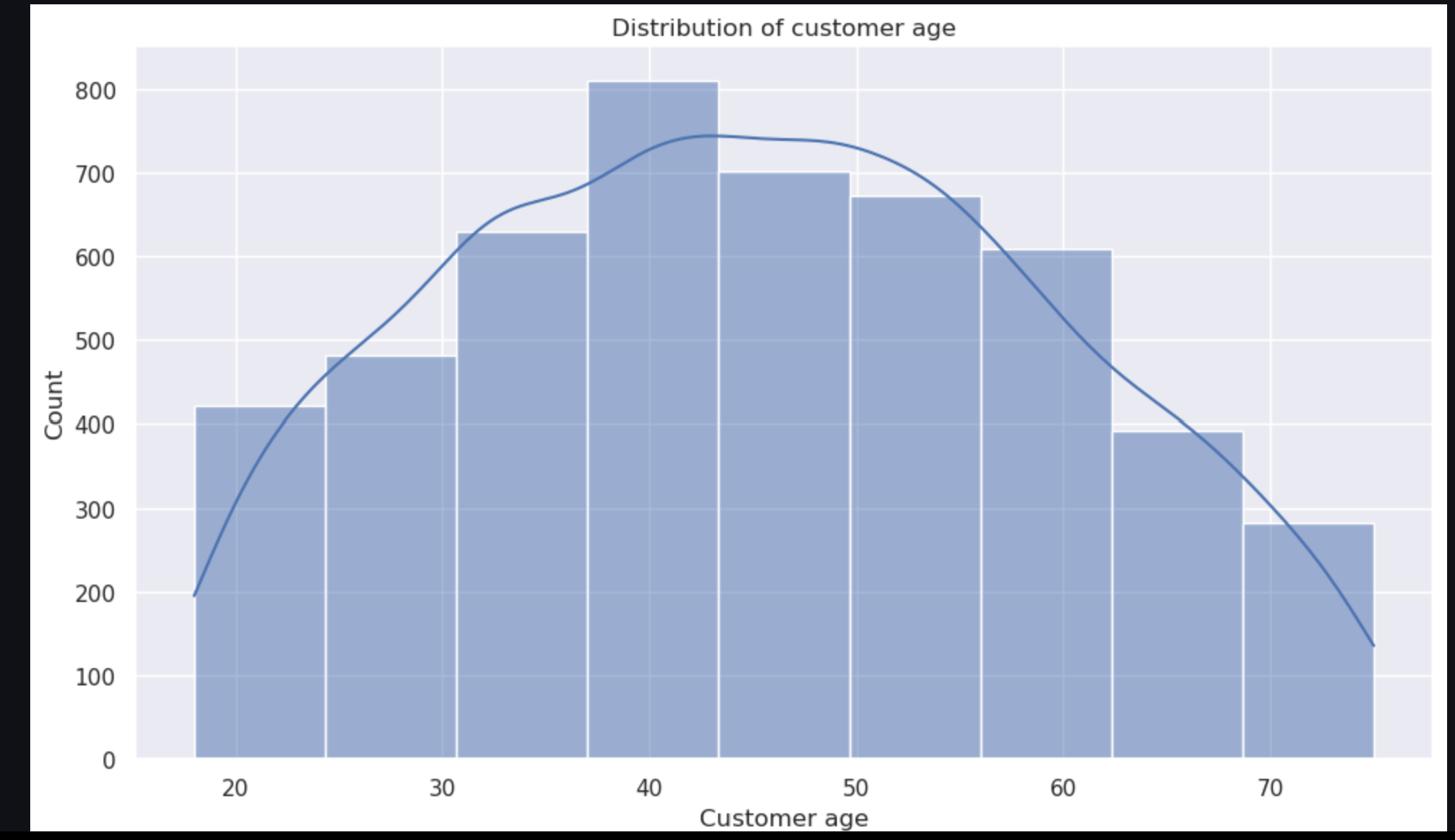




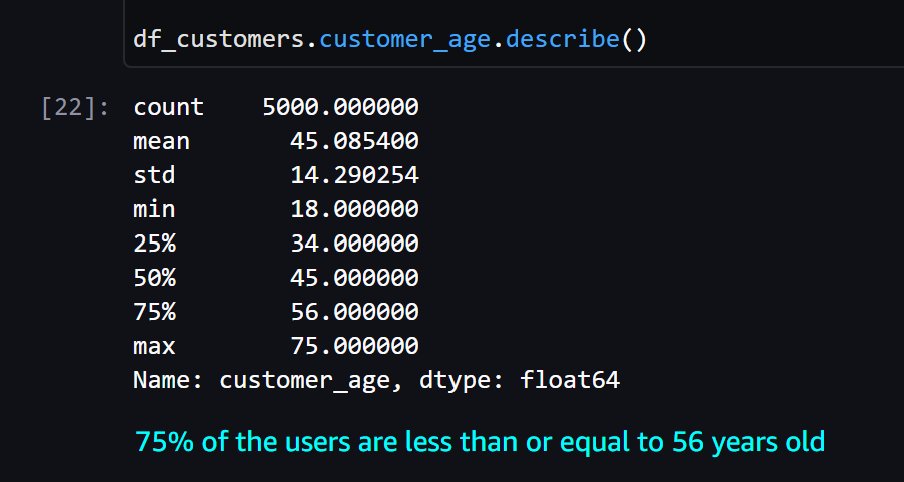


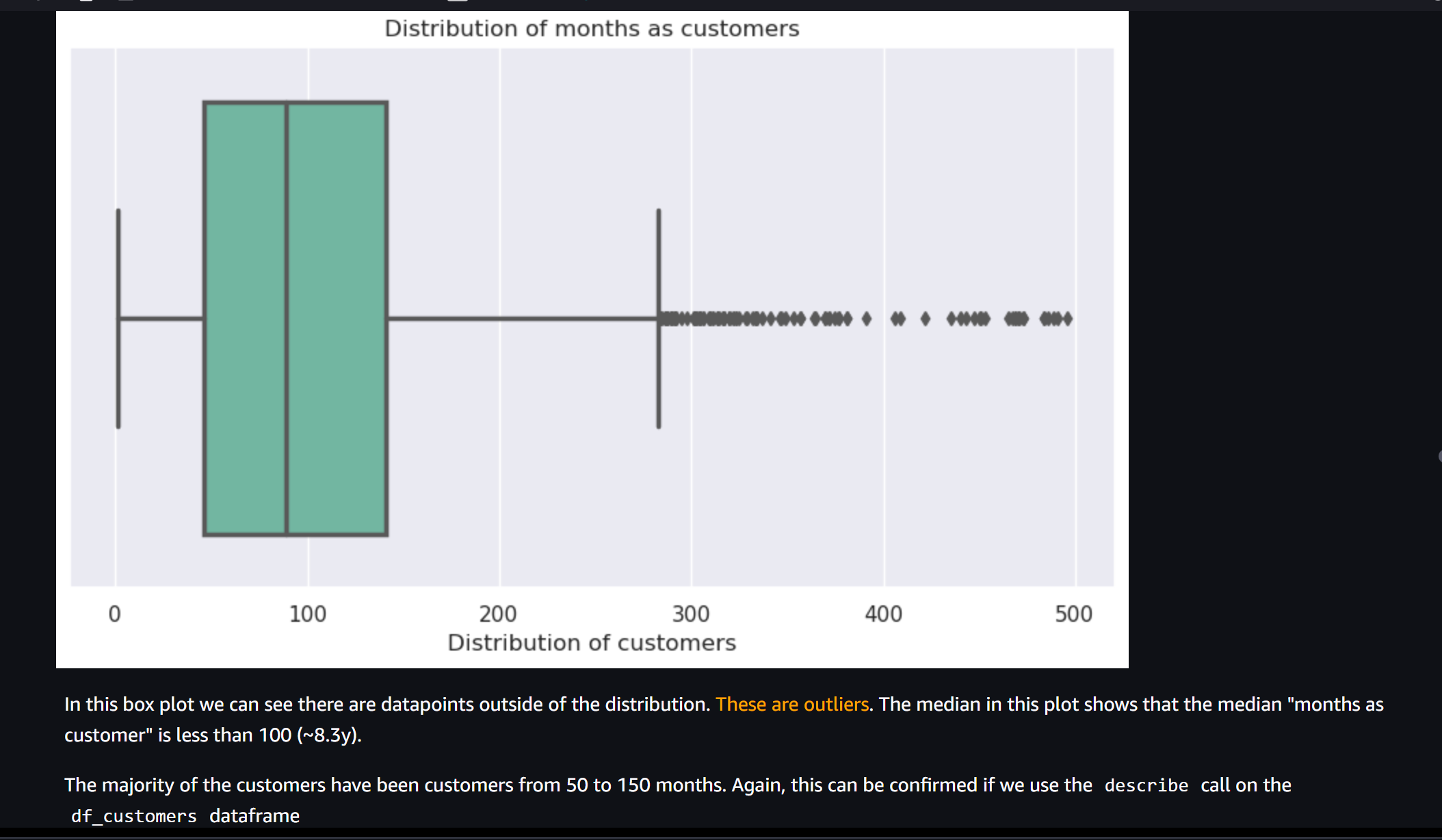


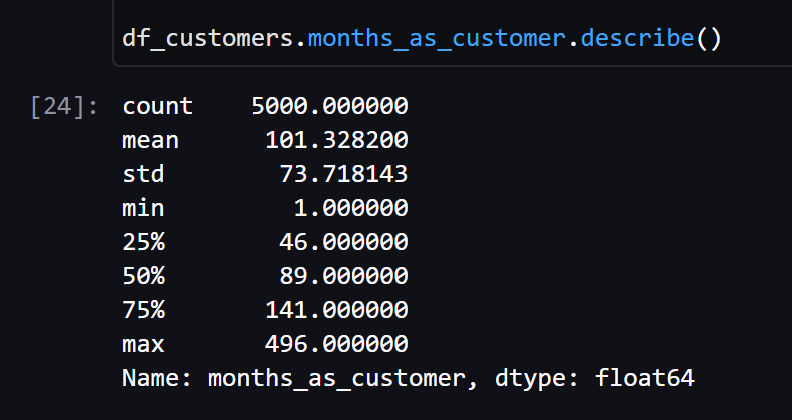


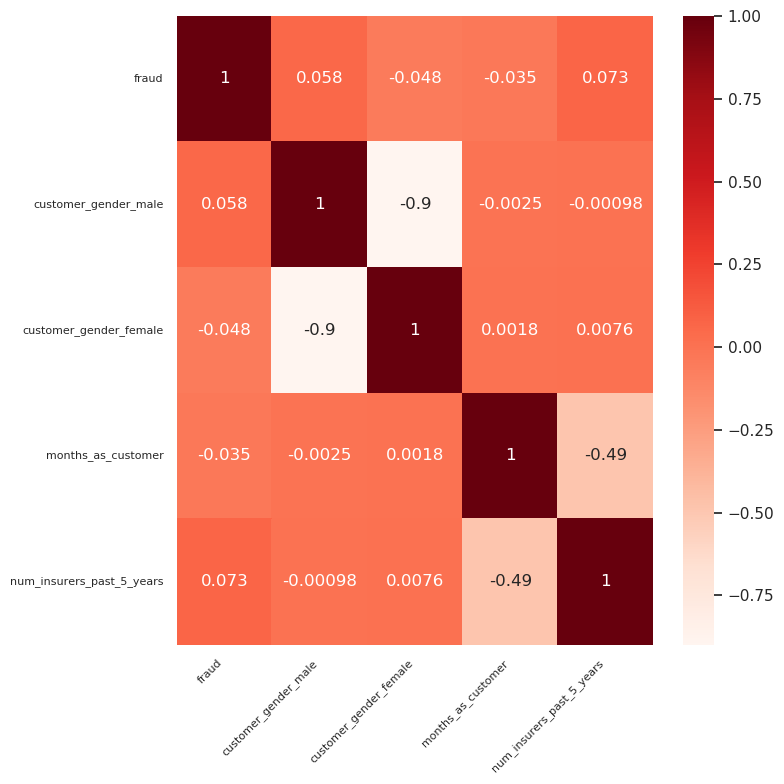


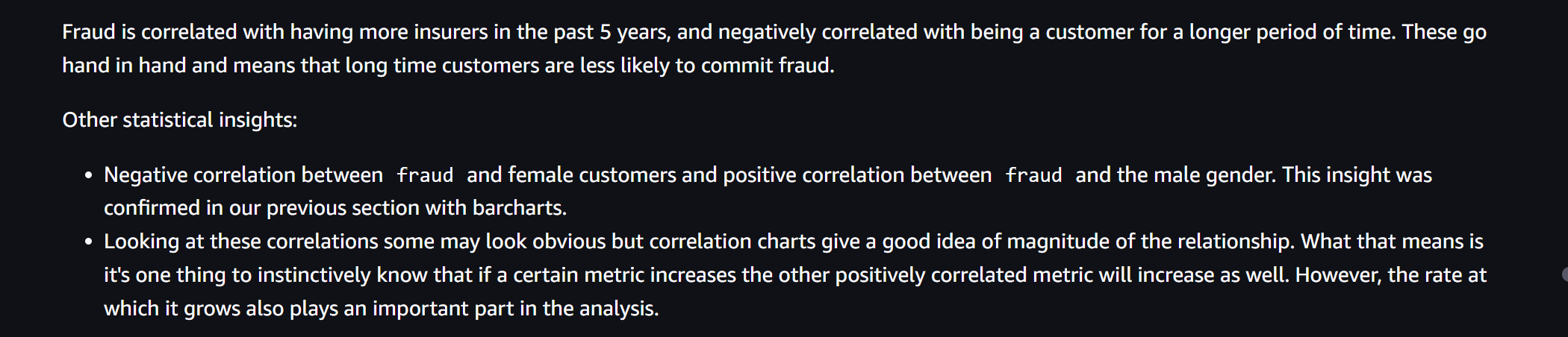
The age distribution is somewhat symmetric. We see a higher density of customers between the ages of 35 to 50. This can be further confirmed by the `describe` call on the df\_customers dataframe `customer\_age` column.

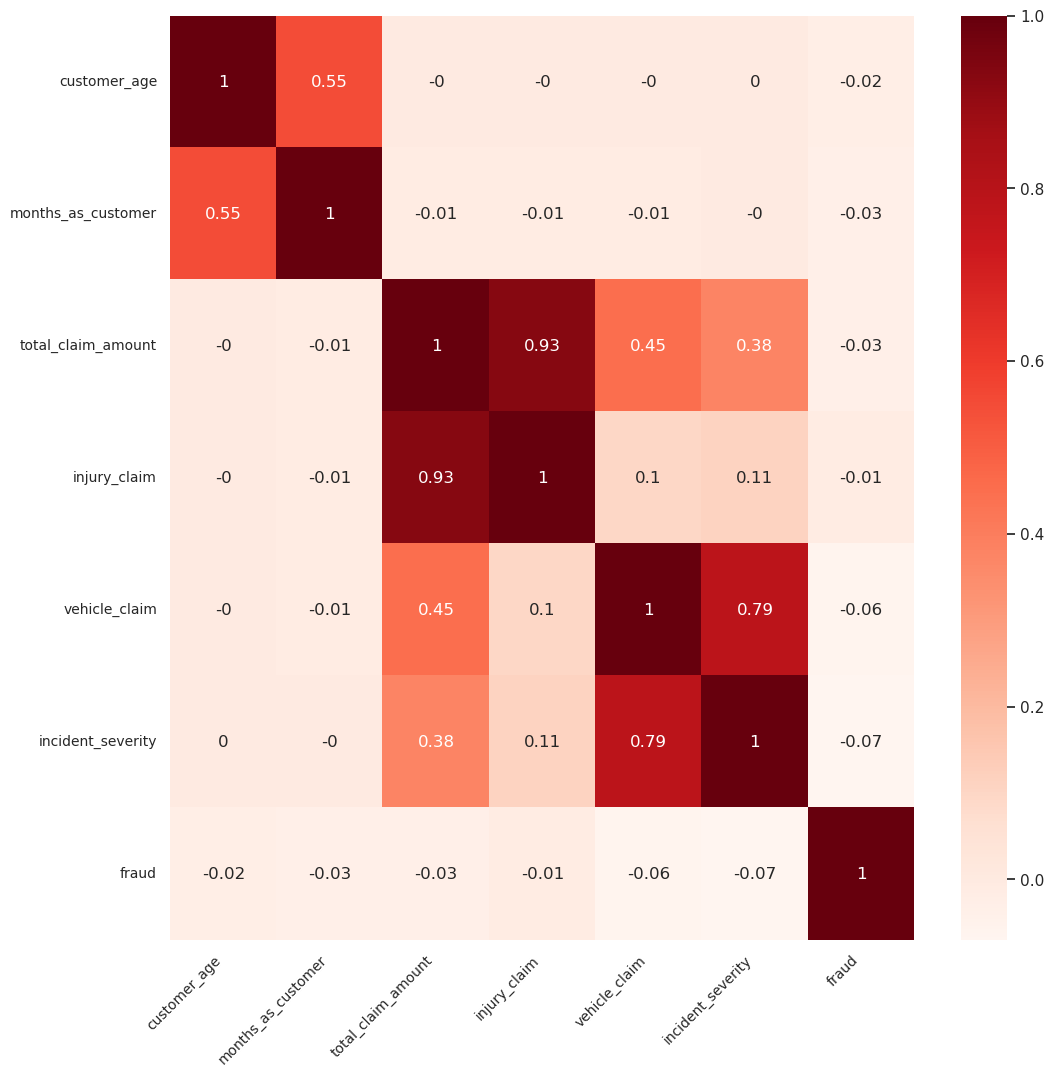


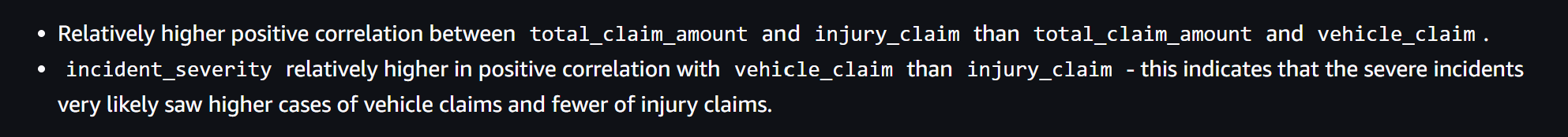


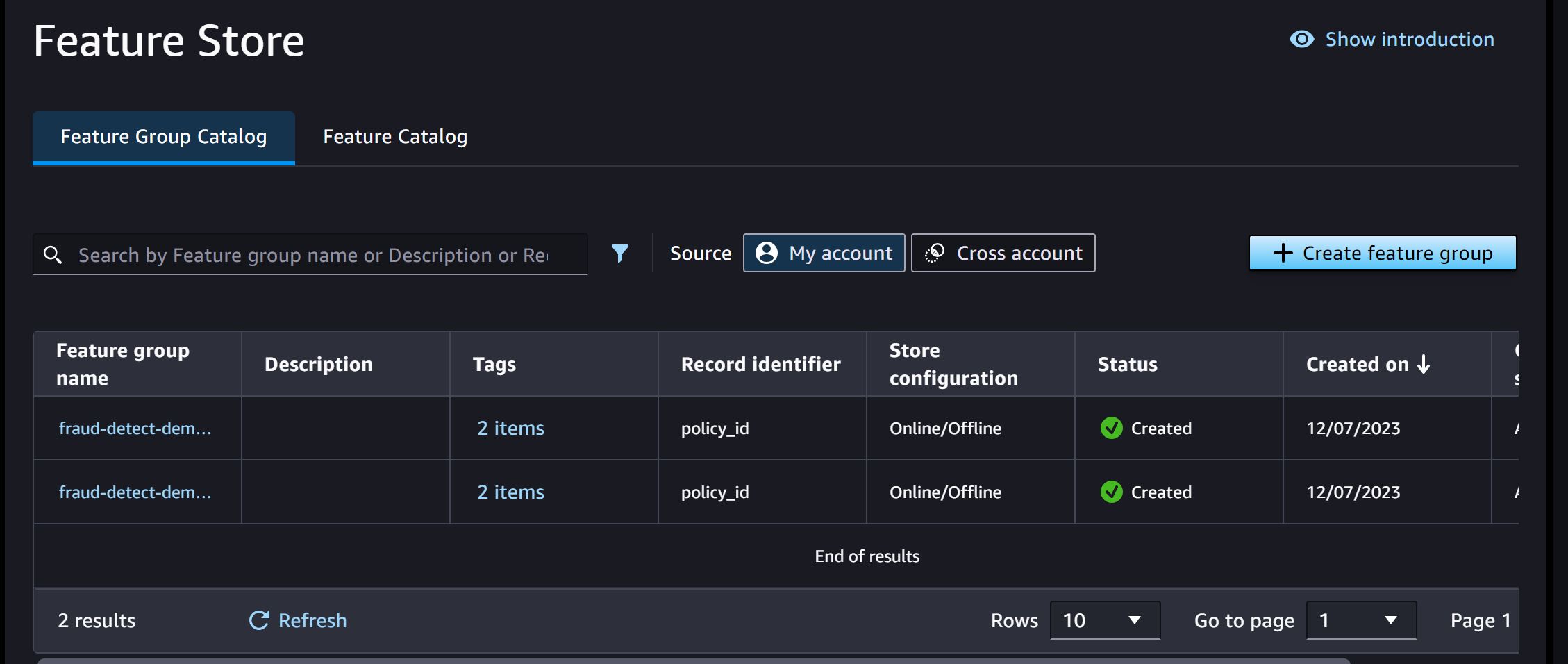


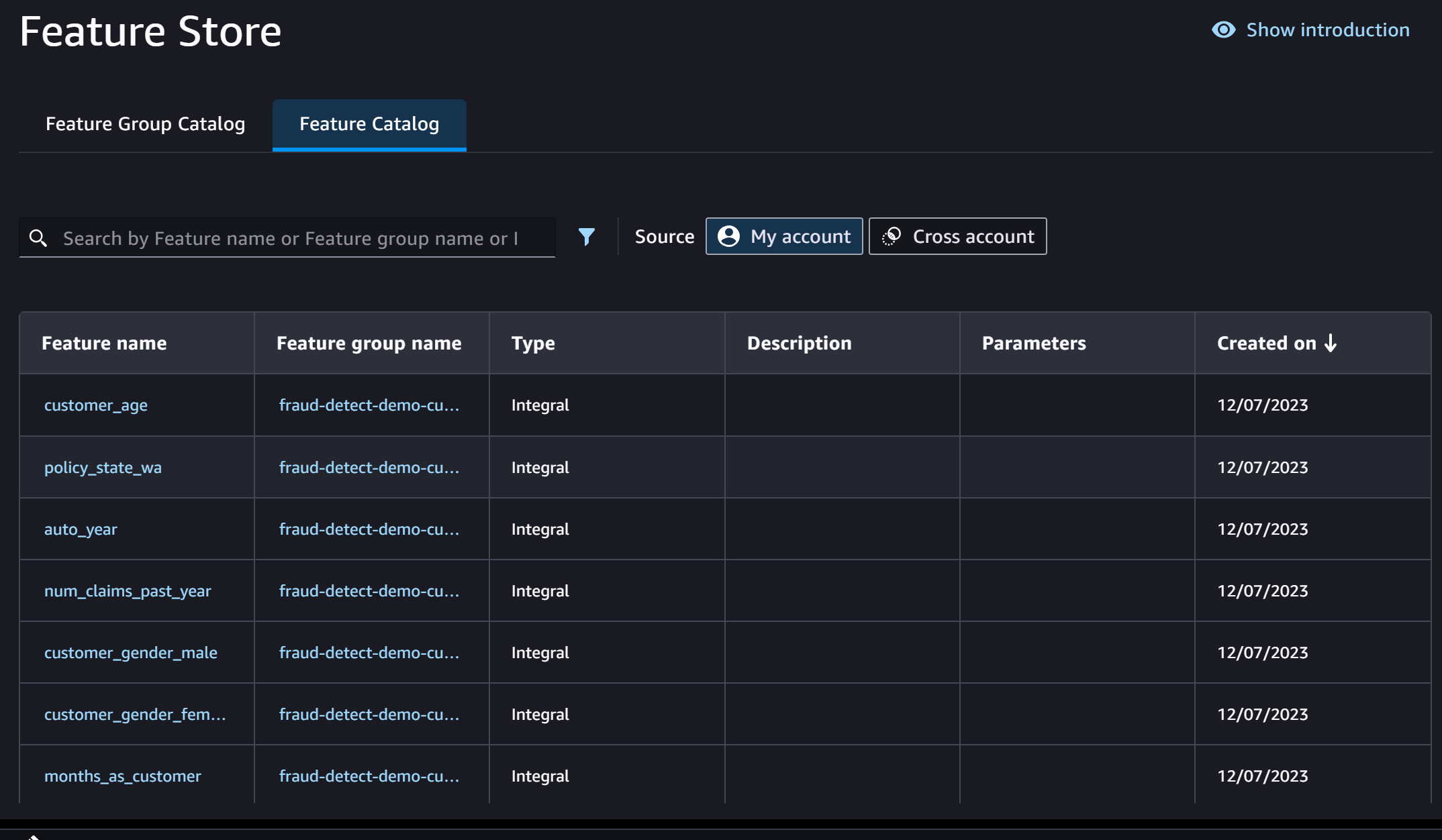






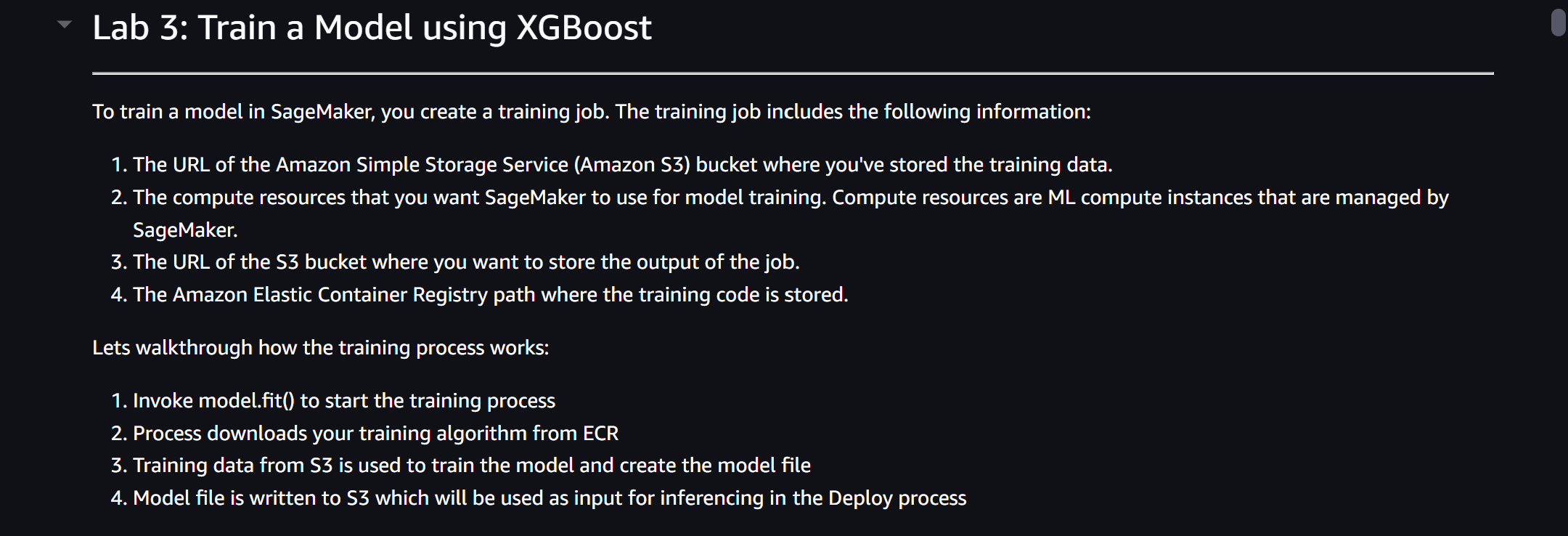


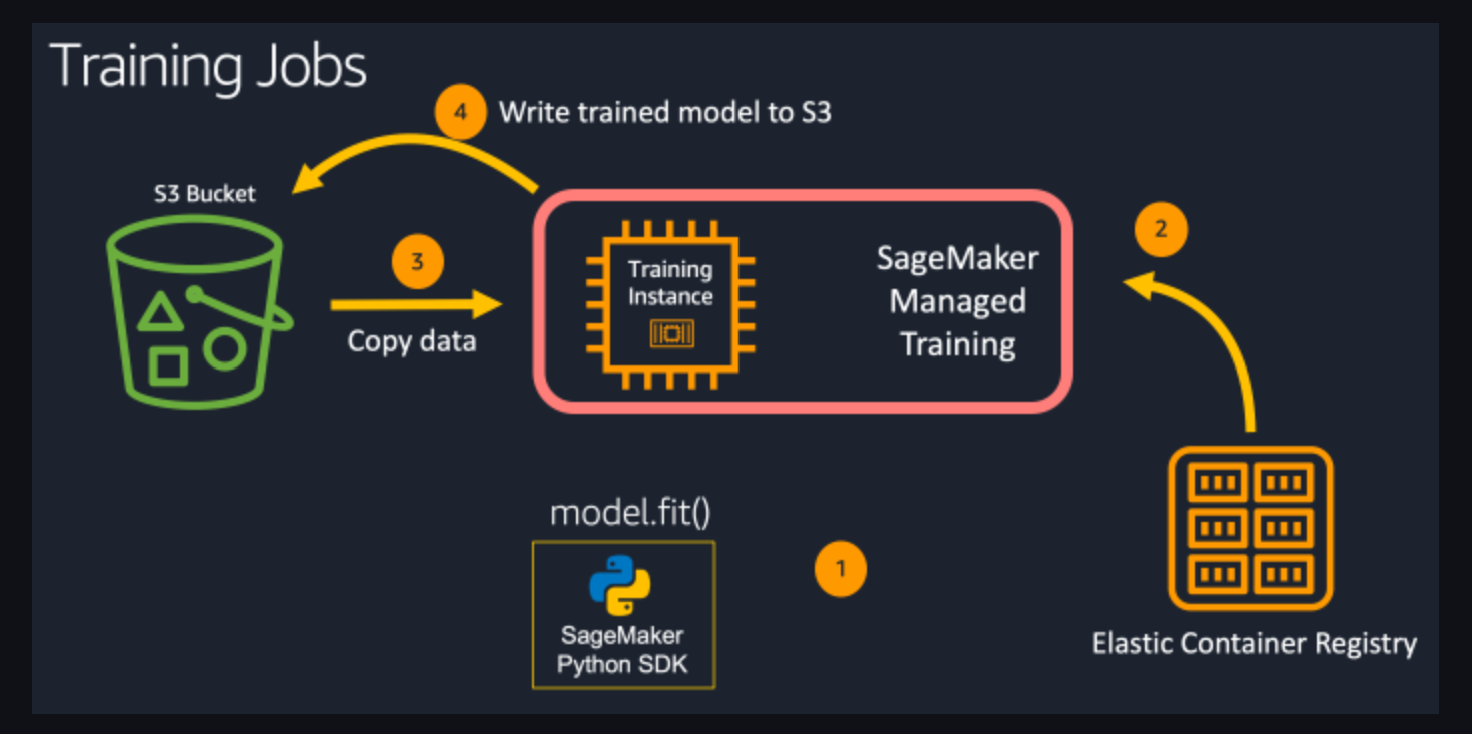


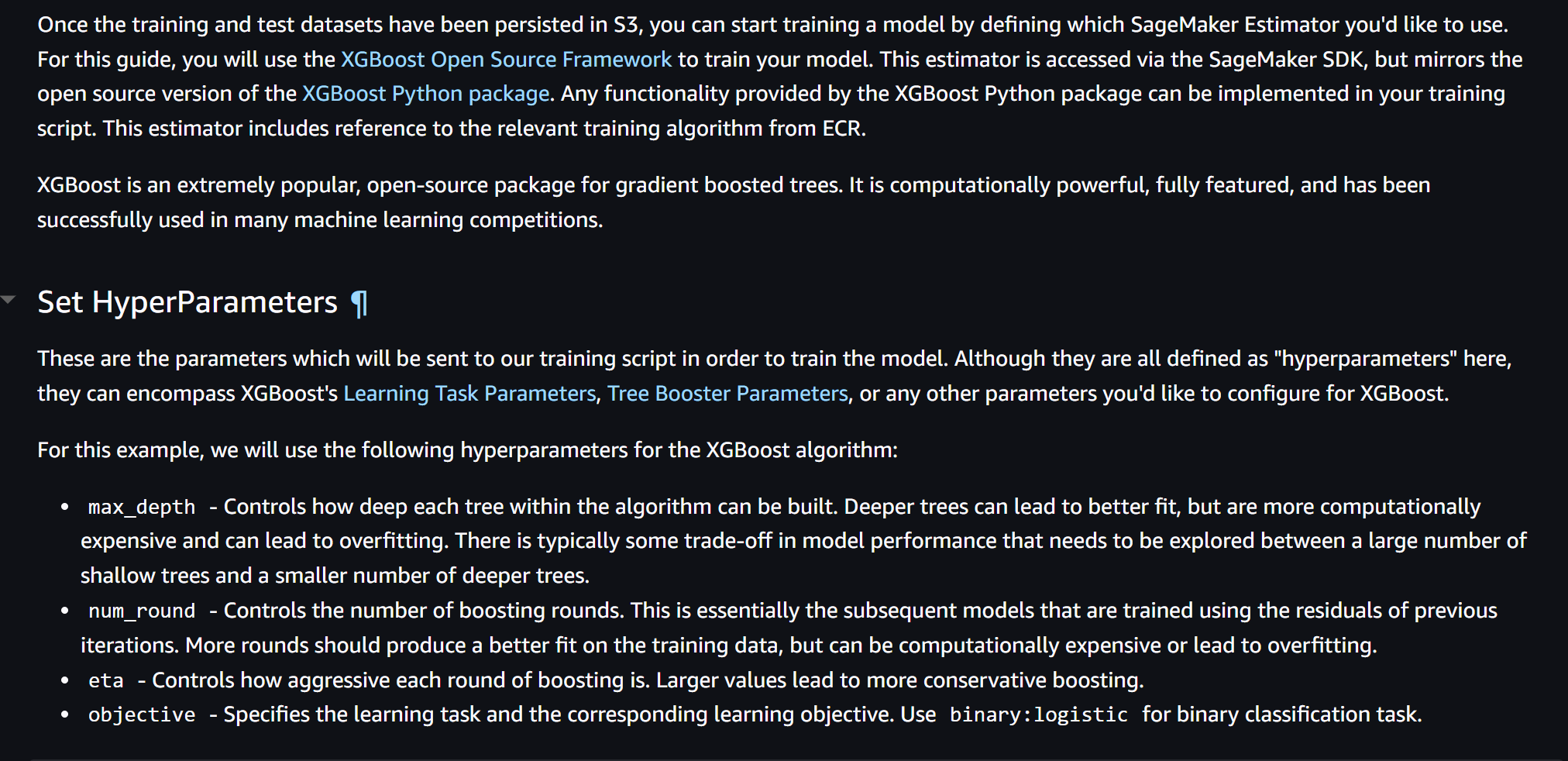


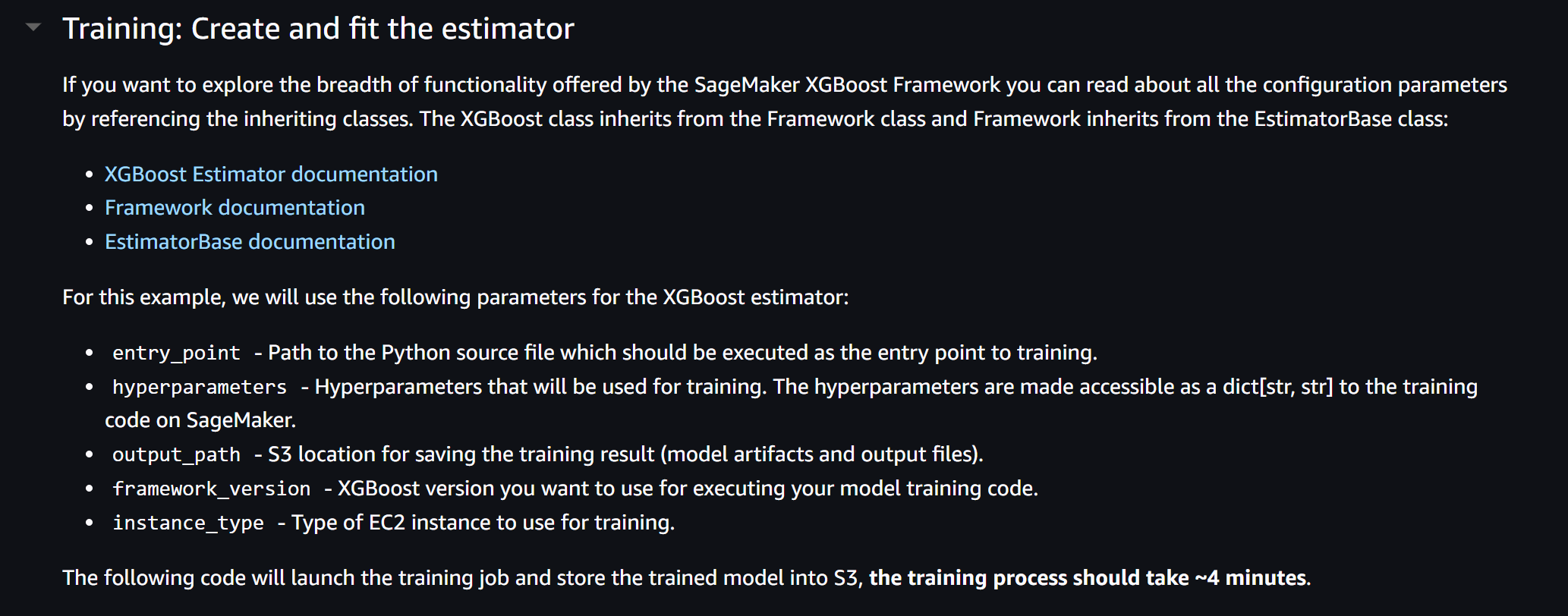


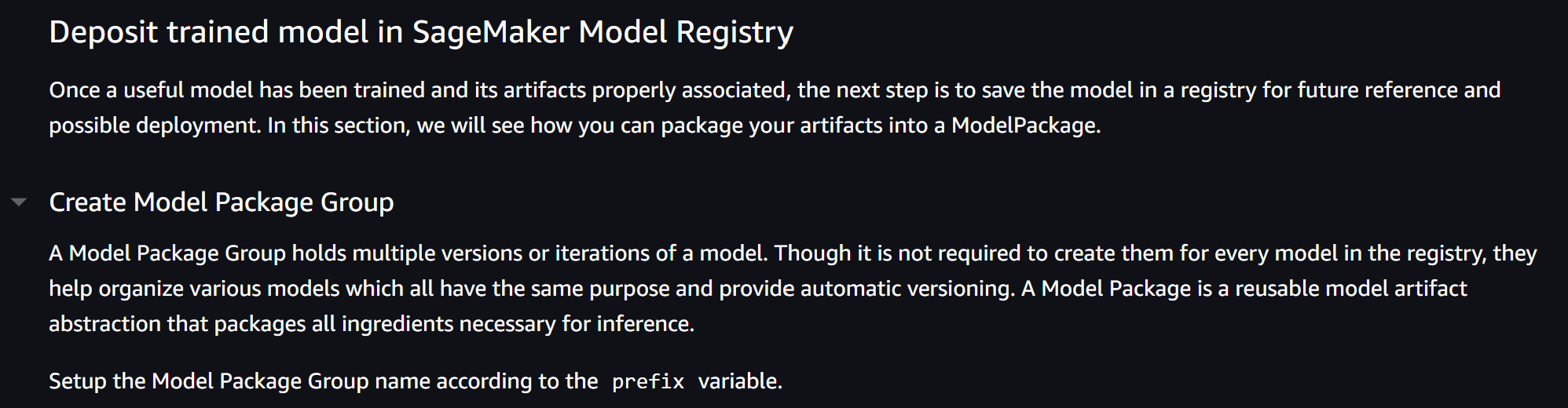
Lab\_3\_and\_4-Training\_and\_Deployment.ipynb

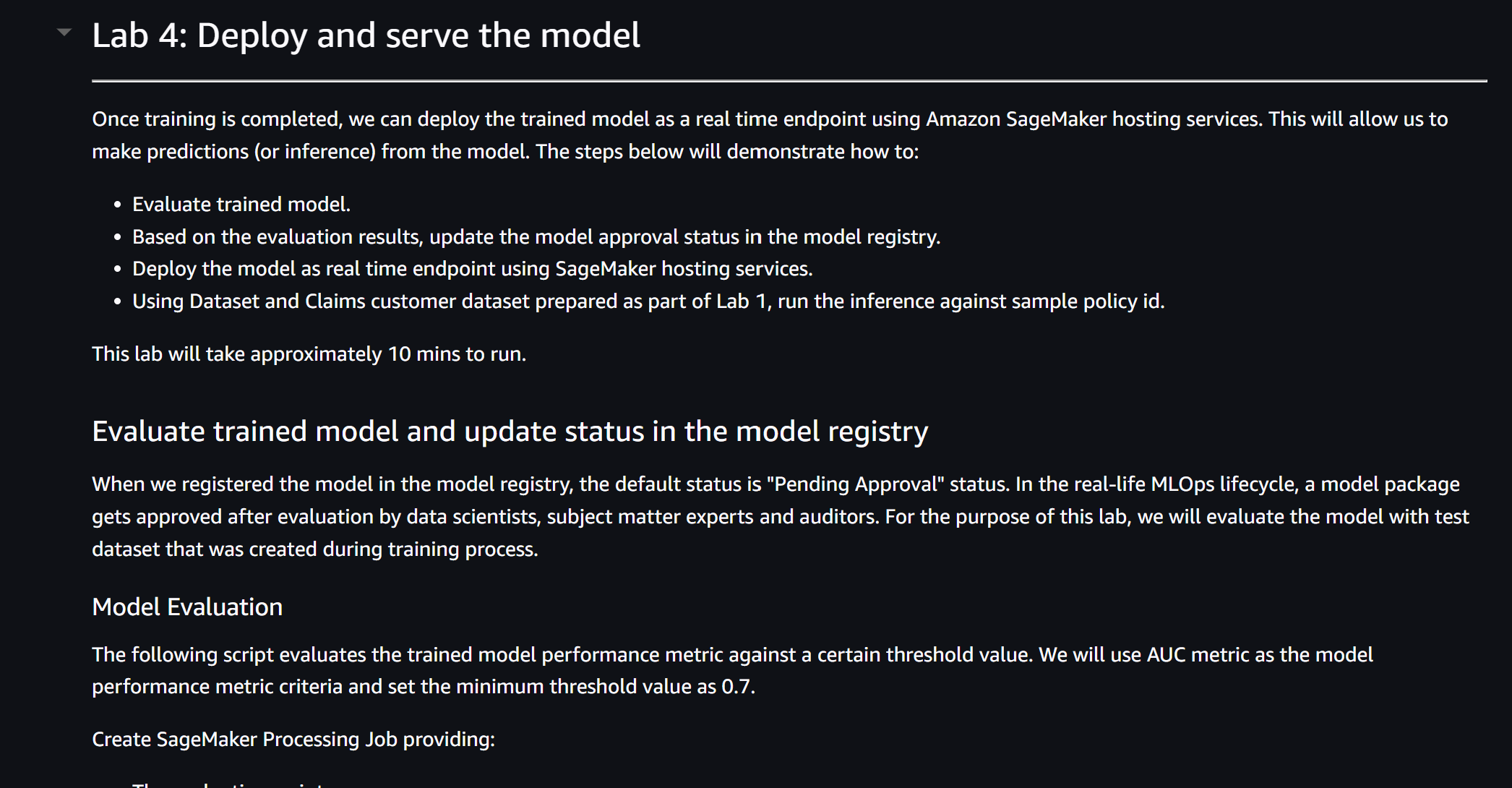


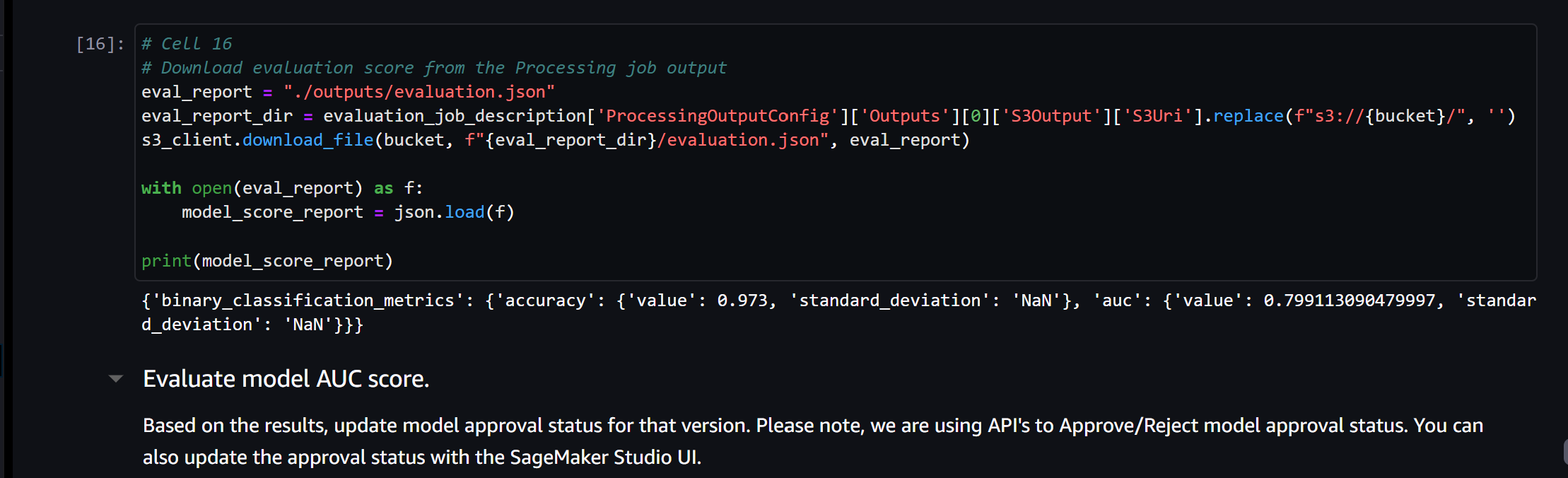


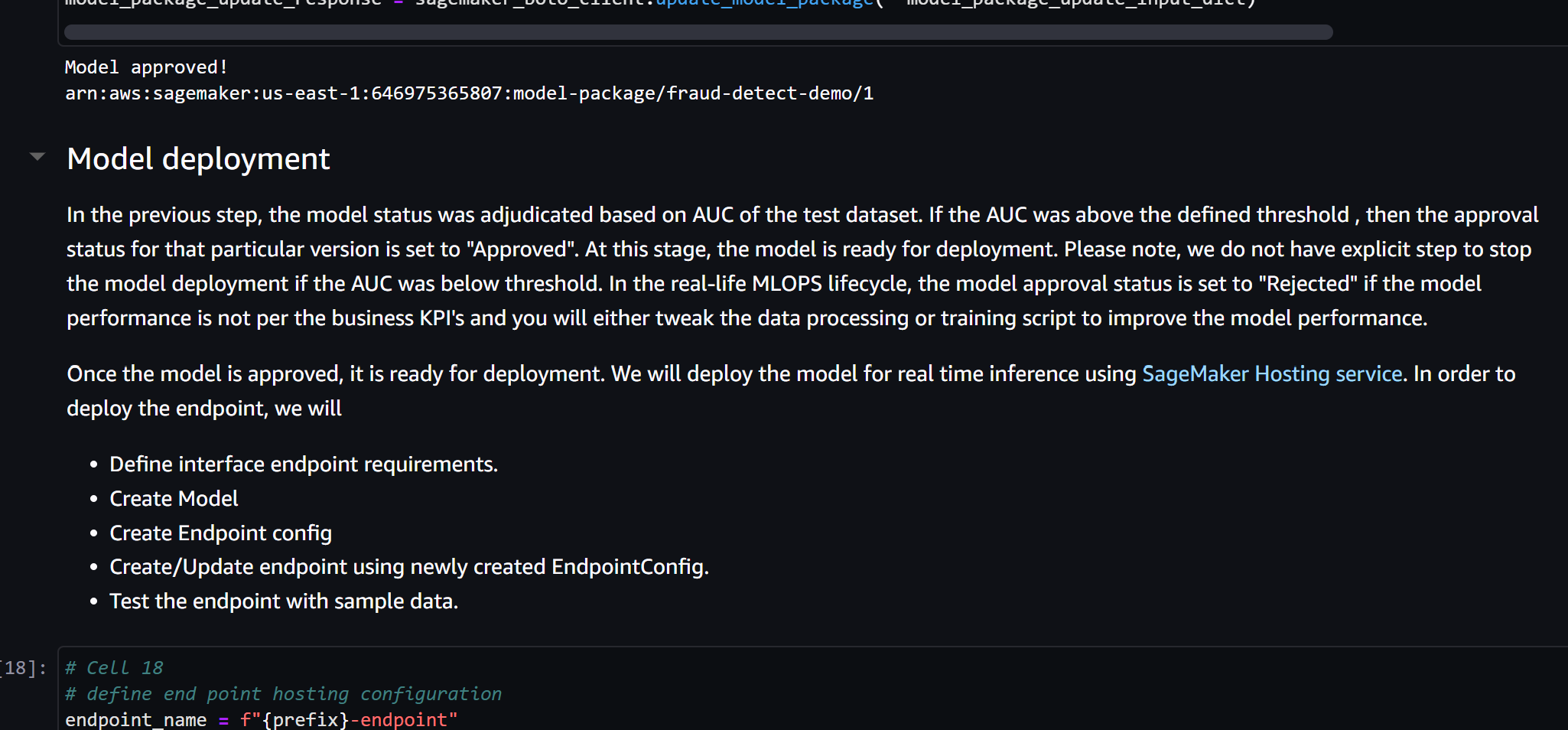


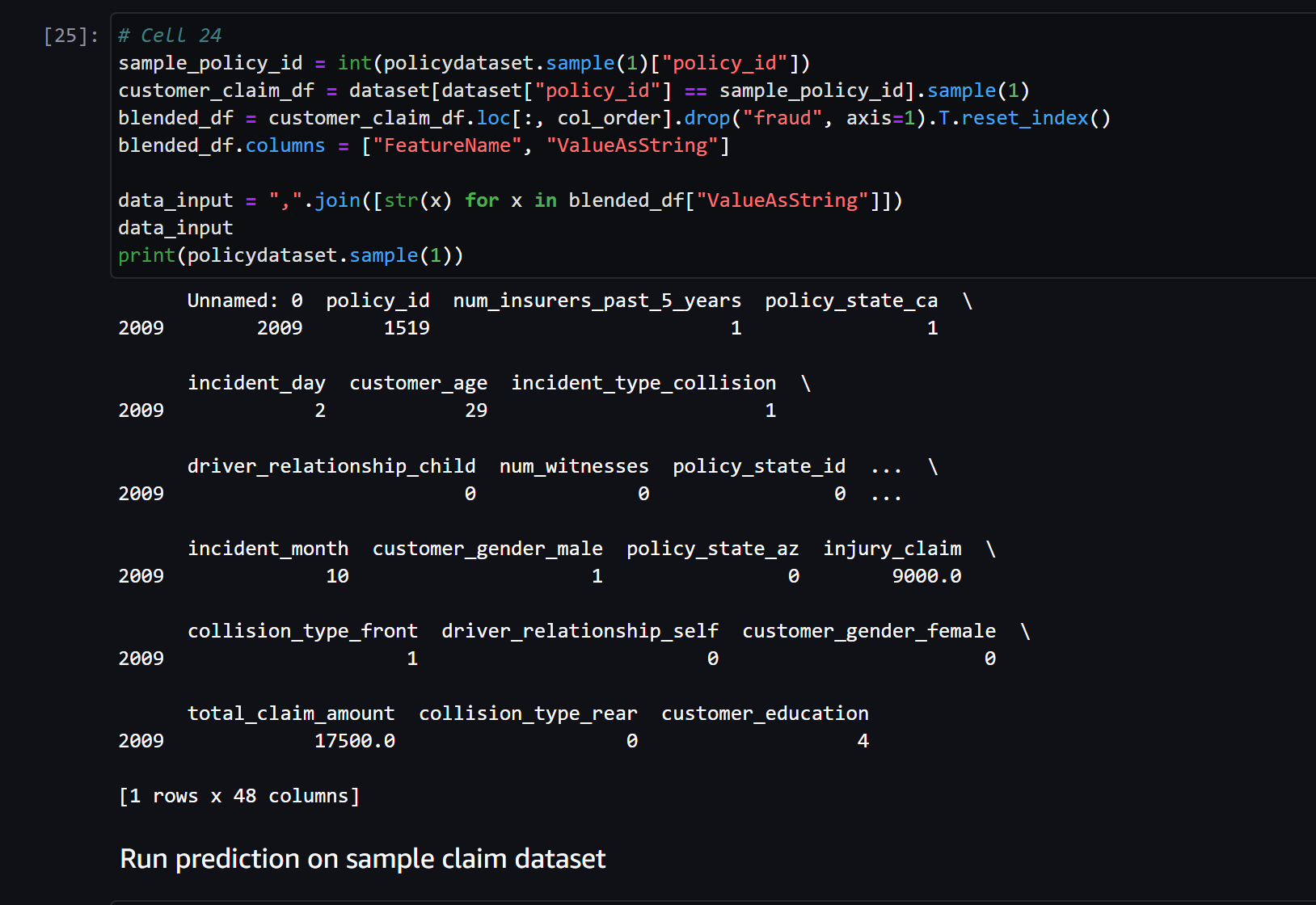




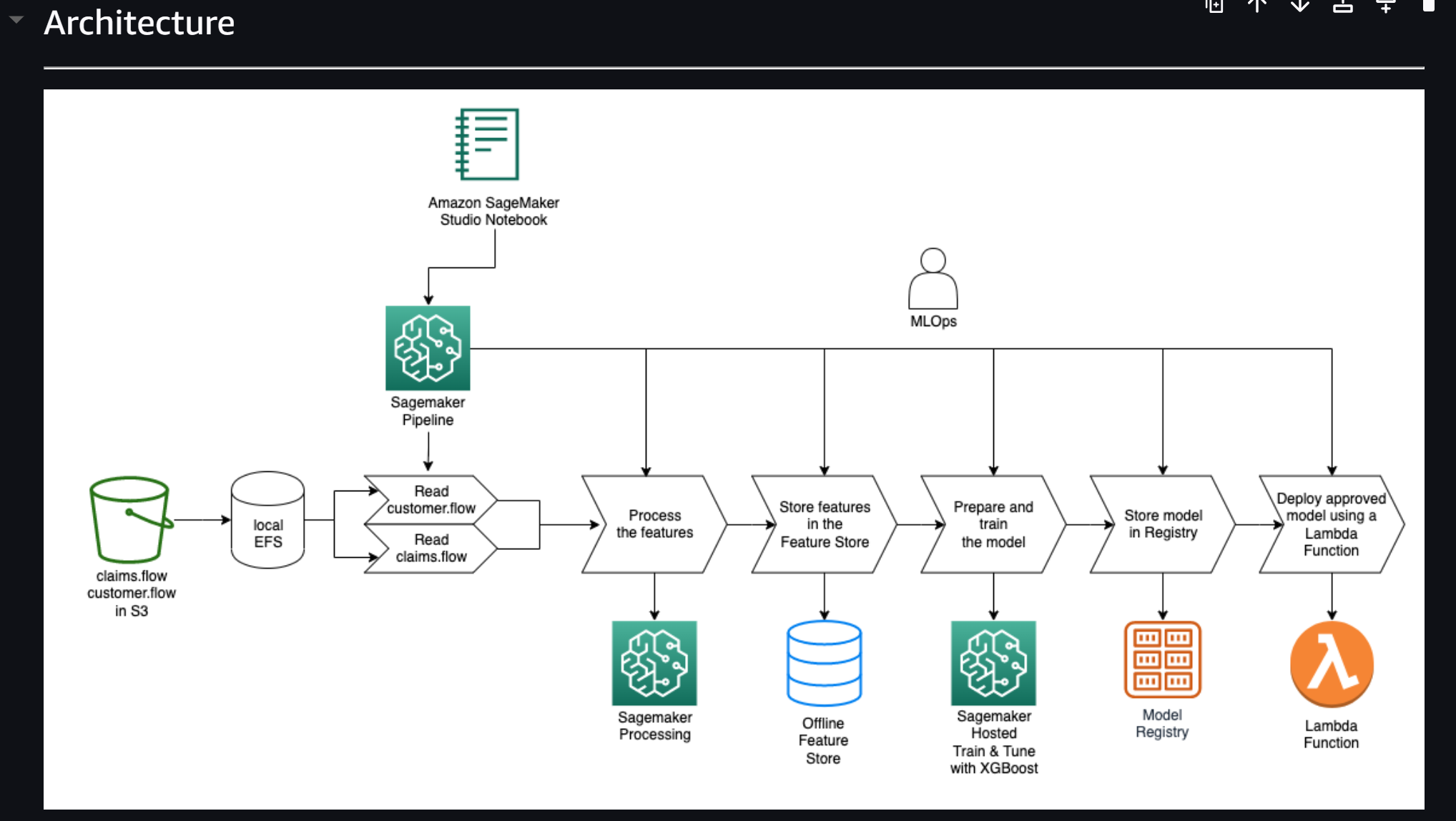


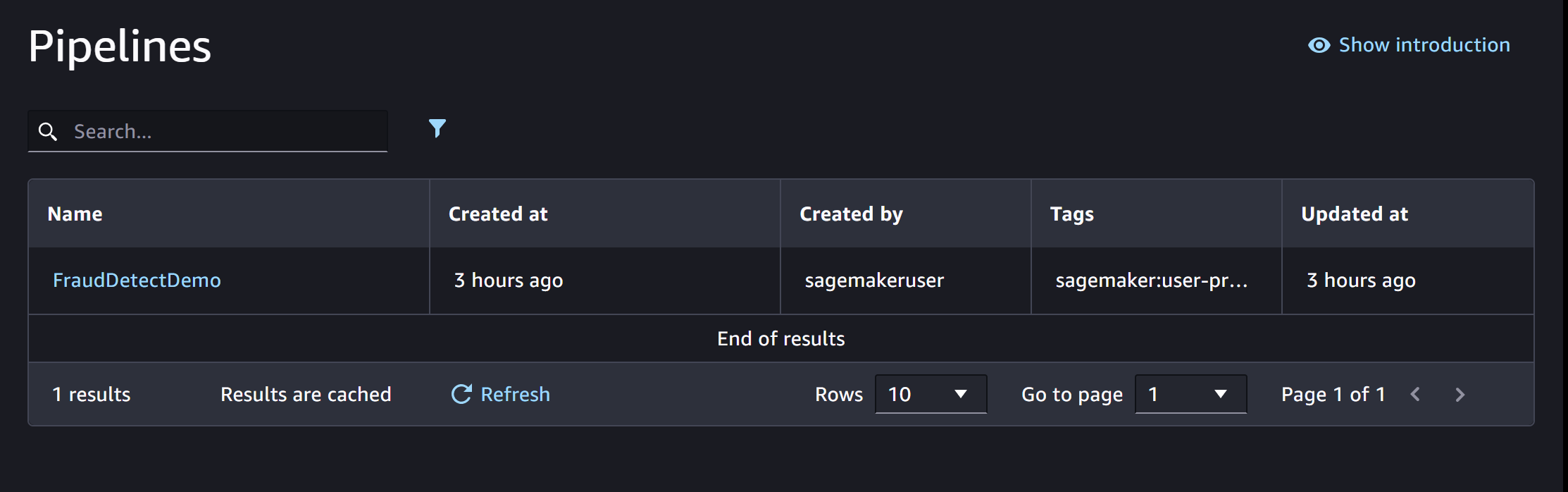


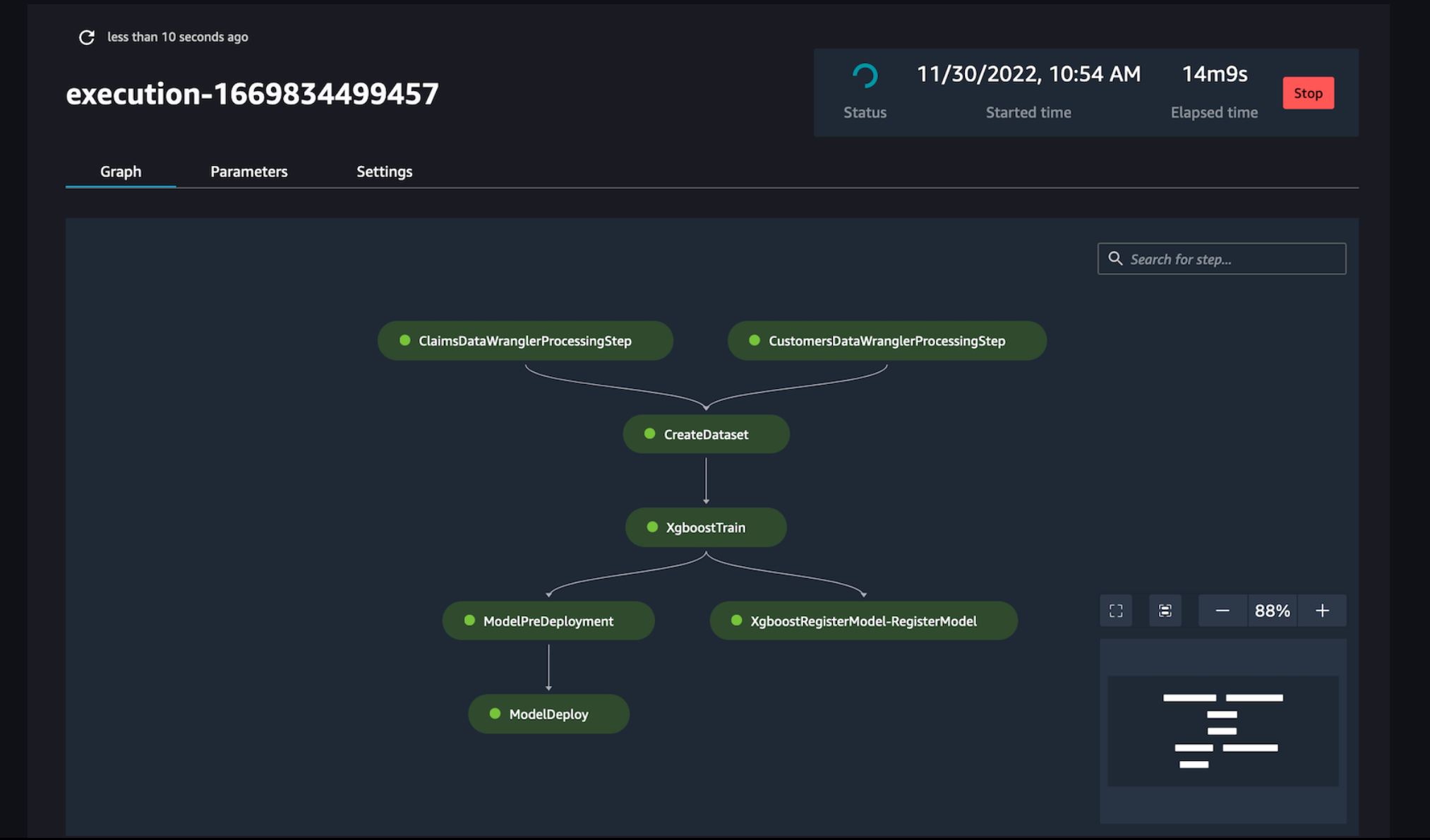




Lab\_5-Pipelines.ipynb







LAMBDA FUNCTION

