1. Log in google cloud

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1. Set project

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1. Get bucket

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1. Upload file to bucket

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1. Use pandas to read json file

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1. Convert from json to table

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Description automatically generated

1. Convert from table to parquet

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Description automatically generated

1. Upload parquet file to bucket

A screenshot of a computer

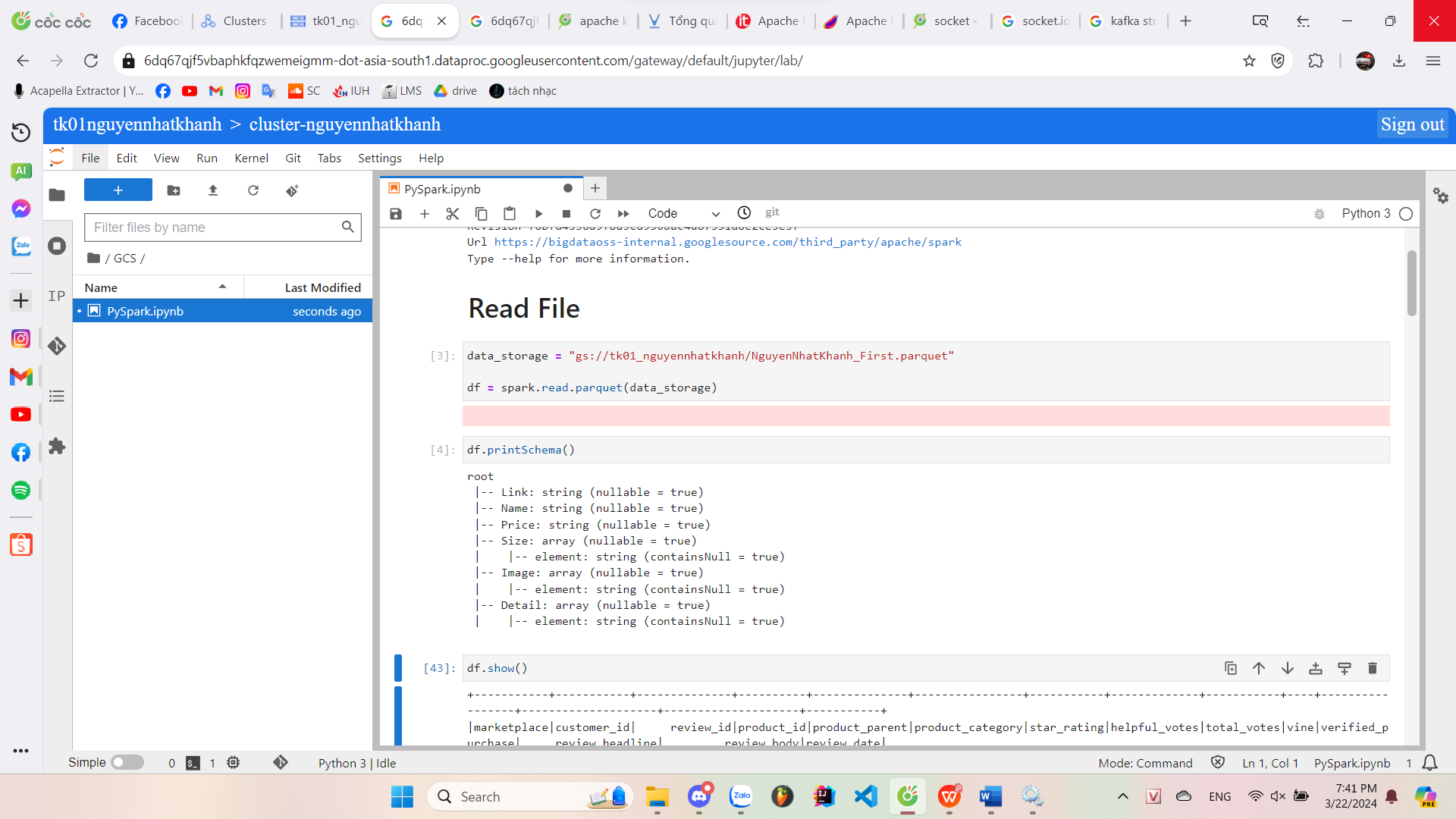
Description automatically generated

1. Create cluster

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1. Use spark to read parquet file



1. Some analysis query

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A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated