A Comprehensive Analysis of Financial Performance: Insights from a Leading Banks

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Sneha. N – Team Member
Swetha. K – Team Member

Introduction

The banking industry world-wide is being transformed. The global forces for change include technological innovation; the deregulation of financial services at the national level and opening-up to international competition; and - equally important - changes in corporate behavior, such as growing disintermediation and increased emphasis on shareholder value. In addition, recent banking crises in Asia and Latin America have accentuated these pressures. The banking industries in central Europe and Latin America have also been transformed as a result of privatizations of state-owned banks that had dominated their banking systems in the past. In this project we are trying to analysis the bank related data and able to extract some insights from the data using Business Intelligence tools. To Extract the Insights from the data and put the data in the form of visualizations, Dashboards and Story we employed Tableau tool.
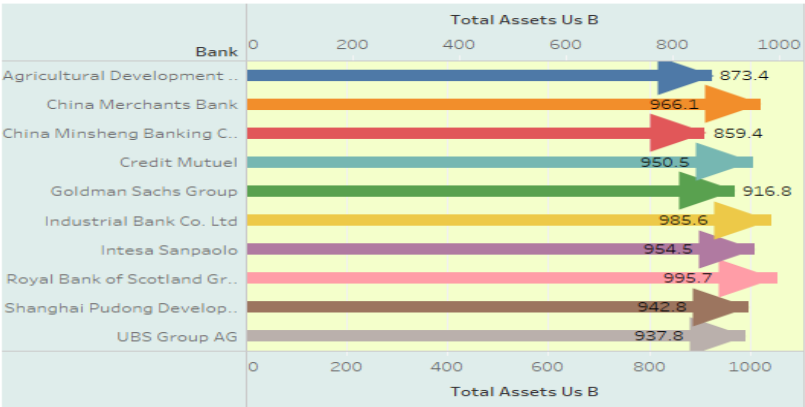
Aim

To Extract the Insights from the data with SQL and put the data in the form of visualizations, Dashboards and Story.
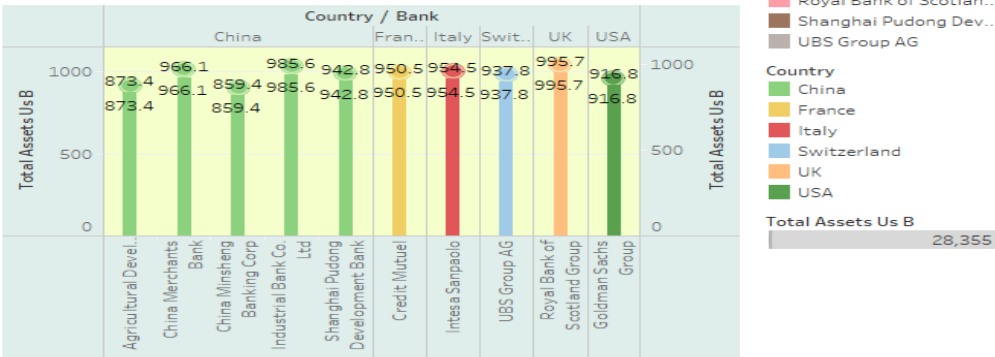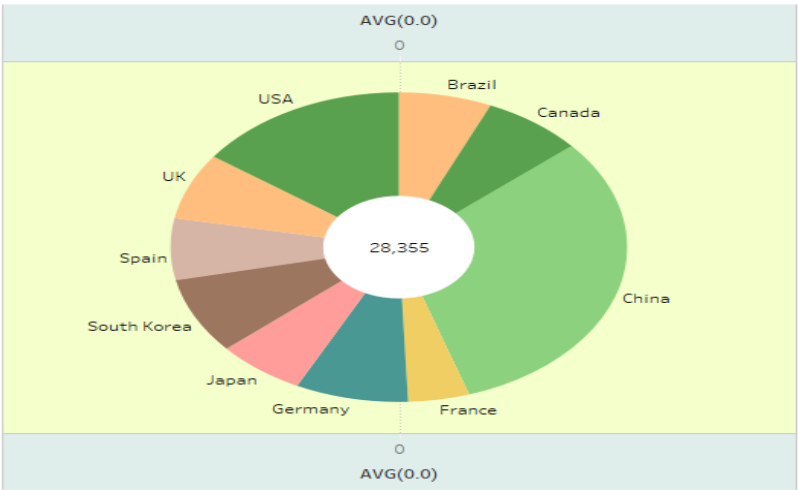
Dashboard

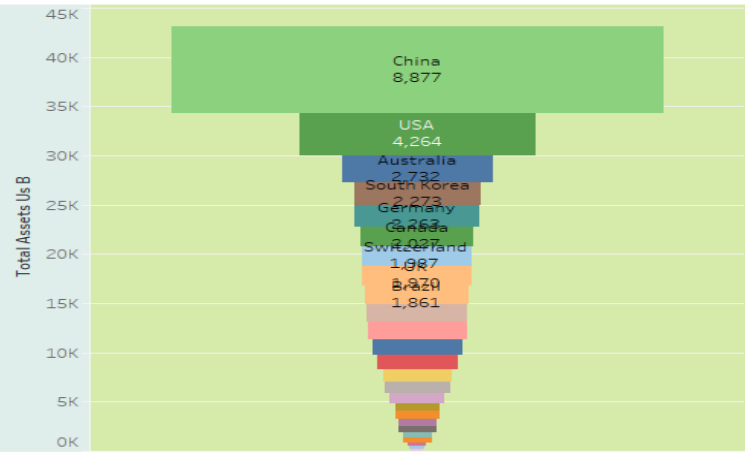## Financial Analysis of Banks

Top 10 banks according to rank

Total Assets Us B

Bank	
Agricultural Development ..	873.4
China Merchants Bank	966.1
China Minsheng Banking C..	859.4
Credit Mutuel	950.5
Goldman Sachs Group	916.8
Industrial Bank Co. Ltd	985.6
Intesa Sanpaolo	954.5
Royal Bank of Scotland Gr..	995.7
Shanghai Pudong Develop..	942.8
UBS Group AG	937.8

Total Assets Us B

Top banks according to country based on total assets

Country / Bank

China: 873.4, 966.1, 859.4, 985.6, 942.8
Fran..: 950.5
Italy: 954.5
Swit..: 937.8
UK: 995.7
USA: 916.8

Top 10 Countries with assets proportion

AVG(0.0)
0

USA, Brazil, Canada, UK, China, Spain, France, South Korea, Germany, Japan

28,355

AVG(0.0)

Country with total assets using funnel chart

China 8,877
USA 4,264
Australia 2,732
South Korea 2,273
Germany 2,053
Canada 2,037
Switzerland 1,987
1,870
1,861

Total assets analysis according to year and quarter

Balance Sheet

	2016 Q4 December	2017 Q2 June	Q3 September	Q4 December

Country: Australia, Austria, Belgium, Brazil, Canada, China, Denmark, France, Germany, India, Italy, Japan, Luxembourg, Netherlands

Total Assets Us B

Word cloud to understand the assets of the banks

China Everbright Bank
Bank of Nova Scotia
China CITIC Bank Corp Standard Chartered Plc DZ Bank AG Morgan Stanley
Industrial Bank Co. Ltd Australia & New Zealand Banking Group
Commonwealth Bank of Australia Nordea Agricultural Development Bank of China
BBVA Shanghai Pudong Development Bank China Merchants Bank
China Minsheng Banking Corp Royal Bank of Scotland Group UBS Group AG
European Investment Bank Intesa Sanpaolo Credit Suisse Group
Goldman Sachs Group National Australia Bank
Westpac Banking Corp Credit Mutuel
Rabobank Group

Bank
- Agricultural Develop..
- China Merchants Bank
- China Minsheng Bank..
- Credit Mutuel
- Goldman Sachs Group
- Industrial Bank Co. Ltd
- Intesa Sanpaolo
- Royal Bank of Scotlan..
- Shanghai Pudong Dev..
- UBS Group AG

Country
- China
- France
- Italy
- Switzerland
- UK
- USA

Total Assets Us B
28,355

Story Board

Total Assets Us B

Bank

Bank	Total Assets Us B
Agricultural Development Bank of China	873.4
China Merchants Bank	966.1
China Minsheng Banking Corp	859.4
Credit Mutuel	950.5
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Bank
- Agricultural Develop..
- China Merchants Bank
- China Minsheng Bank..
- Credit Mutuel
- Goldman Sachs Group
- Industrial Bank Co. Ltd
- Intesa Sanpaolo
- Royal Bank of Scotlan..
- Shanghai Pudong Dev..
- UBS Group AG

Total Assets Us B
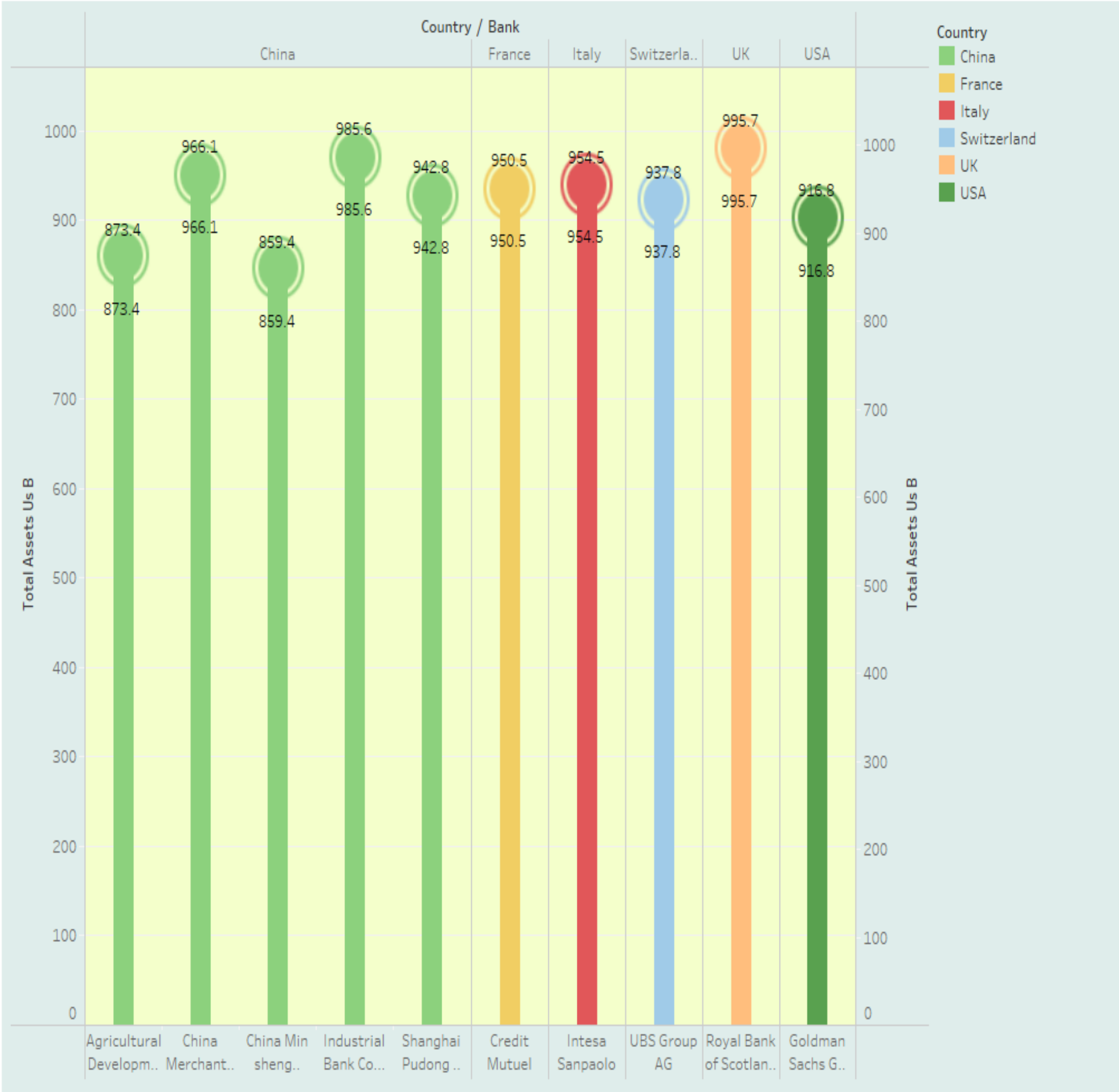
Story Board

Top 10 banks according to rank

Word cloud to understand the assets of the banks

Top banks according to country based on total assets
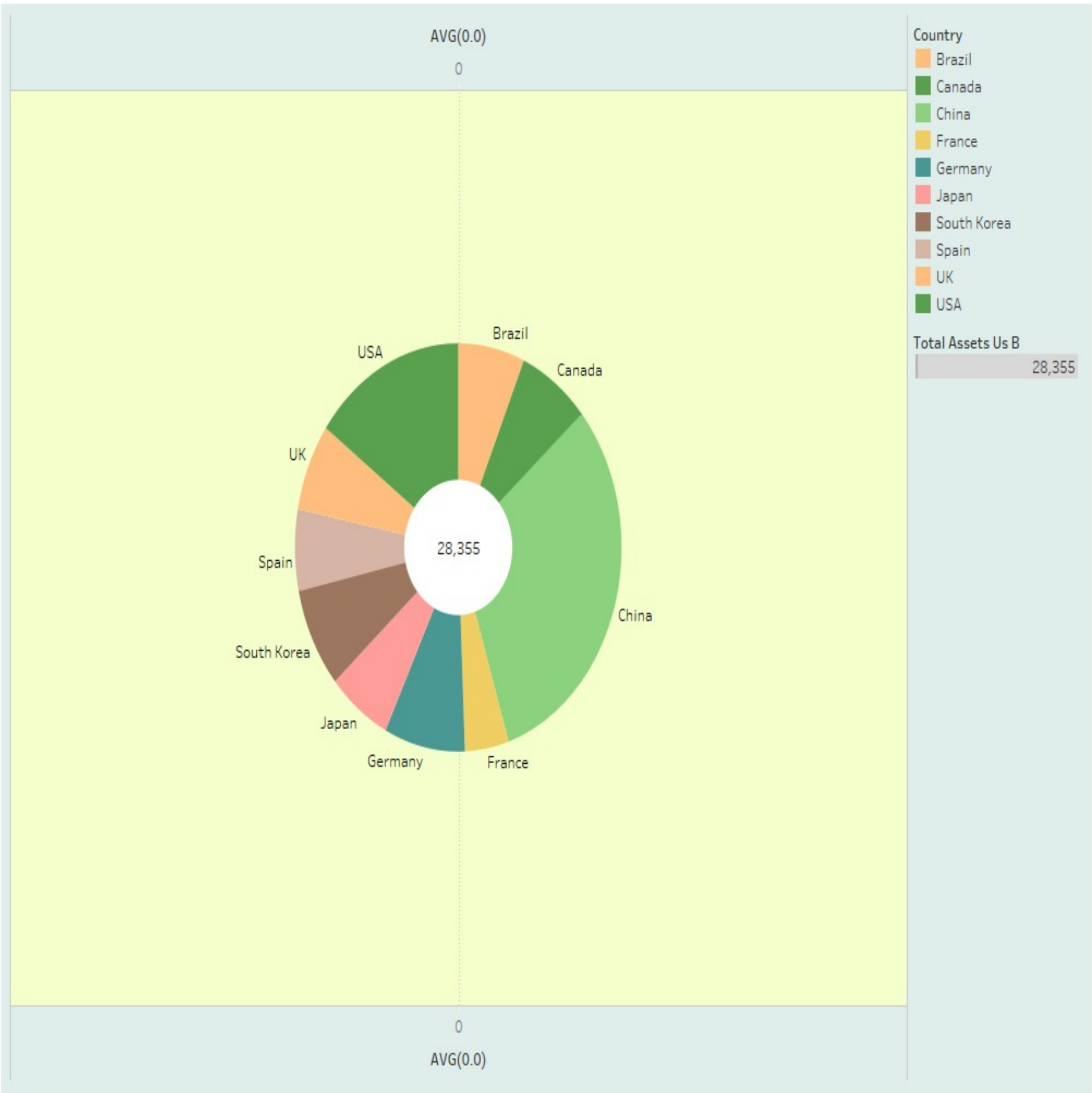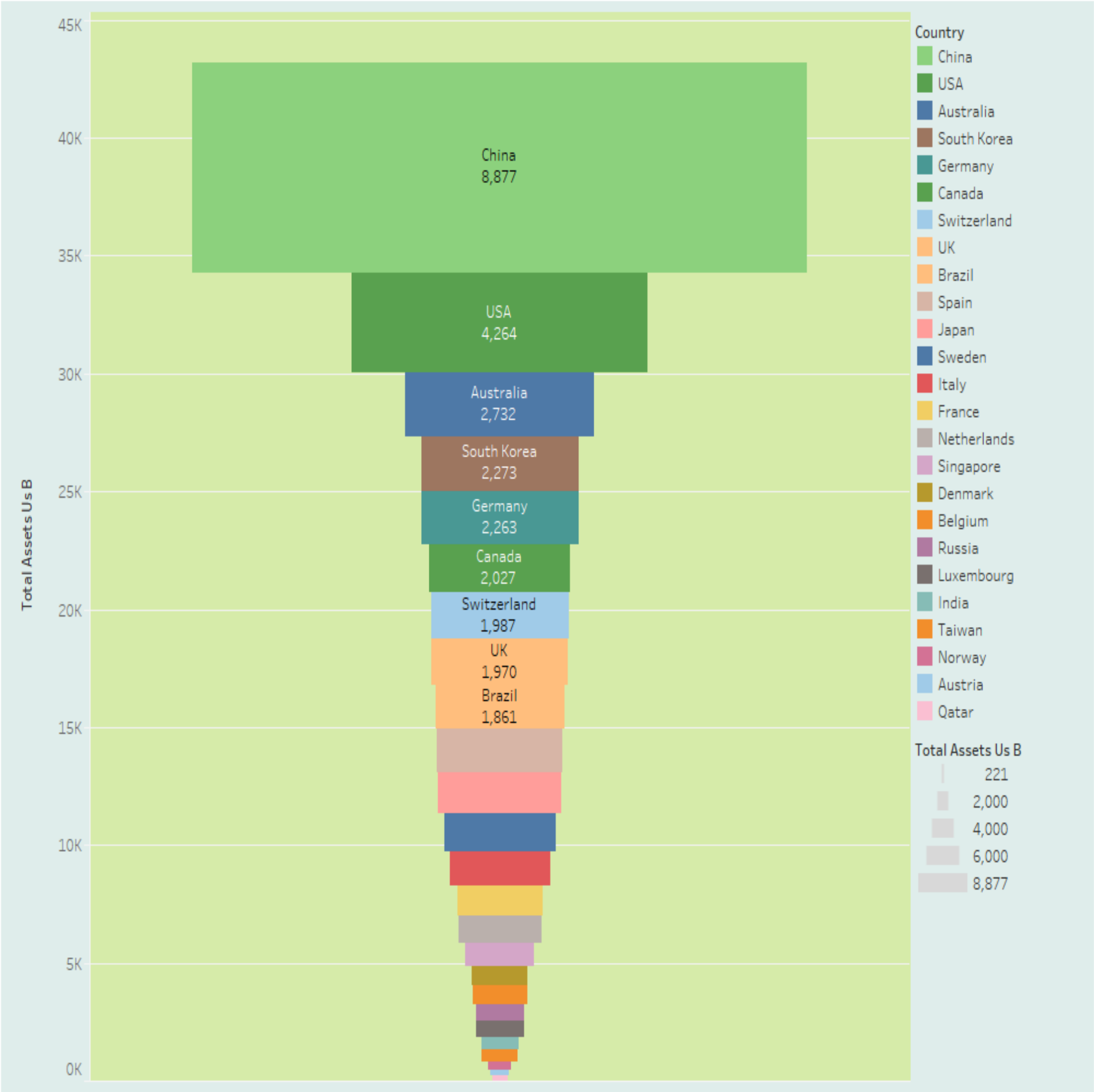
Top 10 Countries with assets proportion

Country with total assets using funnel chart

Total assets analysis according to year and quarter

UBS Group AG Credit Mutuel
Credit Suisse Group
China CITIC Bank Corp Nordea Morgan Stanley
Commonwealth Bank of Australia National Australia Bank
China Minsheng Banking Corp China Merchants Bank
Standard Chartered Plc Agricultural Development Bank of China
Shanghai Pudong Development Bank DZ Bank AG
BBVA Australia & New Zealand Banking Group
Goldman Sachs Group Royal Bank of Scotland Group
Industrial Bank Co. Ltd Westpac Banking Corp
European Investment Bank Bank of Nova Scotia
Intesa Sanpaolo China Everbright Bank
Rabobank Group

Country
- Australia
- Canada
- China
- France
- Germany
- Italy
- Luxembourg
- Netherlands
- Spain
- Sweden
- Switzerland
- UK
- USA

Story Board

Country / Bank

| China | | | | | France | Italy | Switzerla.. | UK | USA |

China
- Agricultural Developm.. — 873.4
- China Merchant.. — 966.1
- China Min sheng.. — 859.4
- Industrial Bank Co.. — 985.6
- Shanghai Pudong .. — 942.8

France
- Credit Mutuel — 950.5

Italy
- Intesa Sanpaolo — 954.5

Switzerland
- UBS Group AG — 937.8

UK
- Royal Bank of Scotlan.. — 995.7

USA
- Goldman Sachs G.. — 916.8

Total Assets Us B

Country
- China
- France
- Italy
- Switzerland
- UK
- USA

Story Board

AVG(0.0)

0

Country
- Brazil
- Canada
- China
- France
- Germany
- Japan
- South Korea
- Spain
- UK
- USA

Total Assets Us B

28,355

0

AVG(0.0)

Story Board

Country
- China
- USA
- Australia
- South Korea
- Germany
- Canada
- Switzerland
- UK
- Brazil
- Spain
- Japan
- Sweden
- Italy
- France
- Netherlands
- Singapore
- Denmark
- Belgium
- Russia
- Luxembourg
- India
- Taiwan
- Norway
- Austria
- Qatar

Total Assets Us B
- 221
- 2,000
- 4,000
- 6,000
- 8,877

Funnel chart values (Total Assets Us B):
- China — 8,877
- USA — 4,264
- Australia — 2,732
- South Korea — 2,273
- Germany — 2,263
- Canada — 2,027
- Switzerland — 1,987
- UK — 1,970
- Brazil — 1,861

Story Board

Balance Sheet

Country legend:
- Australia
- Austria
- Belgium
- Brazil
- Canada
- China
- Denmark
- France
- Germany
- India
- Italy
- Japan
- Luxembourg
- Netherlands
- Norway
- Qatar
- Russia
- Singapore
- South Korea
- Spain
- Sweden
- Switzerland
- Taiwan
- UK
- USA

Conclusion

We have extracted the Insights from the data and put the data in the form of visualizations, Dashboards and Story. We conclude from that visualizations China, is a country, have large assets in the banking industries.