Visualization 1

120 years of Olympic Games

Critique

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What

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"ID","Name","Sex","Age","Height","Weight","Team","NOC","Games","Year","Season","City","Sport","Event","Medal"
"1","A Dijiang","M",24,180,80,"China","CHN","1992 Summer",1992,"Summer","Barcelona","Basketball","Basketball Men's Basketball",NA
"2","A Lamusi","M",23,170,60,"China","CHN","2012 Summer",2012,"Summer","London","Judo","Judo Men's Extra-Lightweight",NA
"3","Gunnar Nielsen Aaby","M",24,NA,NA,"Denmark","DEN","1920 Summer",1920,"Summer","Antwerpen","Football","Football Men's Football",NA
"4","Edgar Lindenau Aabye","M",34,NA,NA,"Denmark/Sweden","DEN","1900 Summer",1900,"Summer","Paris","Tug-Of-War","Tug-Of-War Men's Tug-Of-War","Gold"
"5","Christine Jacoba Aaftink","F",21,185,82,"Netherlands","NED","1988 Winter",1988,"Winter","Calgary","Speed Skating","Speed Skating Women's 500 metres",NA
"5","Christine Jacoba Aaftink","F",21,185,82,"Netherlands","NED","1988 Winter",1988,"Winter","Calgary","Speed Skating","Speed Skating Women's 1,000 metres",NA
"5","Christine Jacoba Aaftink","F",25,185,82,"Netherlands","NED","1992 Winter",1992,"Winter","Albertville","Speed Skating","Speed Skating Women's 500 metres",NA
"5","Christine Jacoba Aaftink","F",25,185,82,"Netherlands","NED","1992 Winter",1992,"Winter","Albertville","Speed Skating","Speed Skating Women's 1,000 metres",NA
"5","Christine Jacoba Aaftink","F",27,185,82,"Netherlands","NED","1994 Winter",1994,"Winter","Lillehammer","Speed Skating","Speed Skating Women's 500 metres",NA
"5","Christine Jacoba Aaftink","F",27,185,82,"Netherlands","NED","1994 Winter",1994,"Winter","Lillehammer","Speed Skating","Speed Skating Women's 1,000 metres",NA
"6","Per Knut Aaland","M",31,188,75,"United States","USA","1992 Winter",1992,"Winter","Albertville","Cross Country Skiing","Cross Country Skiing Men's 10 kilometres",NA
"6","Per Knut Aaland","M",31,188,75,"United States","USA","1992 Winter",1992,"Winter","Albertville","Cross Country Skiing","Cross Country Skiing Men's 50 kilometres",NA
"6","Per Knut Aaland","M",31,188,75,"United States","USA","1992 Winter",1992,"Winter","Albertville","Cross Country Skiing","Cross Country Skiing Men's 10/15 kilometres Pursuit",
"6","Per Knut Aaland","M",31,188,75,"United States","USA","1992 Winter",1992,"Winter","Albertville","Cross Country Skiing","Cross Country Skiing Men's 4 x 10 kilometres Relay",N
"6","Per Knut Aaland","M",33,188,75,"United States","USA","1994 Winter",1994,"Winter","Lillehammer","Cross Country Skiing","Cross Country Skiing Men's 10 kilometres",NA
"6","Per Knut Aaland","M",33,188,75,"United States","USA","1994 Winter",1994,"Winter","Lillehammer","Cross Country Skiing","Cross Country Skiing Men's 30 kilometres",NA
"6","Per Knut Aaland","M",33,188,75,"United States","USA","1994 Winter",1994,"Winter","Lillehammer","Cross Country Skiing","Cross Country Skiing Men's 10/15 kilometres Pursuit",
"6","Per Knut Aaland","M",33,188,75,"United States","USA","1994 Winter",1994,"Winter","Lillehammer","Cross Country Skiing","Cross Country Skiing Men's 4 x 10 kilometres Relay",N
"7","John Aalberg","M",31,183,72,"United States","USA","1992 Winter",1992,"Winter","Albertville","Cross Country Skiing","Cross Country Skiing Men's 10 kilometres",NA
"7","John Aalberg","M",31,183,72,"United States","USA","1992 Winter",1992,"Winter","Albertville","Cross Country Skiing","Cross Country Skiing Men's 50 kilometres",NA
"7","John Aalberg","M",31,183,72,"United States","USA","1992 Winter",1992,"Winter","Albertville","Cross Country Skiing","Cross Country Skiing Men's 10/15 kilometres Pursuit",NA
"7","John Aalberg","M",31,183,72,"United States","USA","1992 Winter",1992,"Winter","Albertville","Cross Country Skiing","Cross Country Skiing Men's 4 x 10 kilometres Relay",NA
"7","John Aalberg","M",33,183,72,"United States","USA","1994 Winter",1994,"Winter","Lillehammer","Cross Country Skiing","Cross Country Skiing Men's 10 kilometres",NA
"7","John Aalberg","M",33,183,72,"United States","USA","1994 Winter",1994,"Winter","Lillehammer","Cross Country Skiing","Cross Country Skiing Men's 30 kilometres",NA
"7","John Aalberg","M",33,183,72,"United States","USA","1994 Winter",1994,"Winter","Lillehammer","Cross Country Skiing","Cross Country Skiing Men's 10/15 kilometres Pursuit",NA
```

Characteristics of the Data

1. Occurrences (summer and winter)
2. Data at the sport level, Art competitions were not included in the athletes' data (focused on athletics)
3. large-scale dataset (spans the years 1896 to 2016)

Why

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Objectives

Saúl's intentions for this visualisation is to answer the following questions:

1. Which countries are the most dominant?
2. How has involvement evolved?
3. Which countries have the most medals in various disciplines?
4. What is the ratio of female/male Olympic attendees?

How

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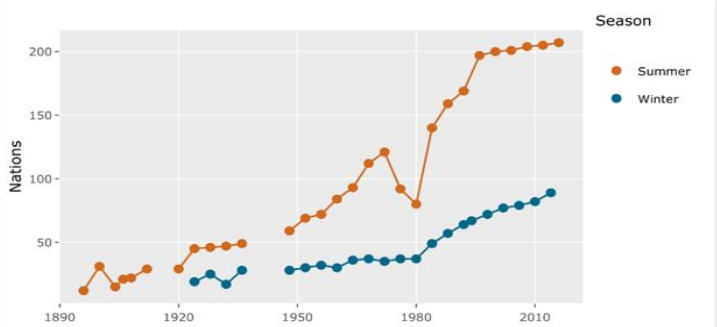
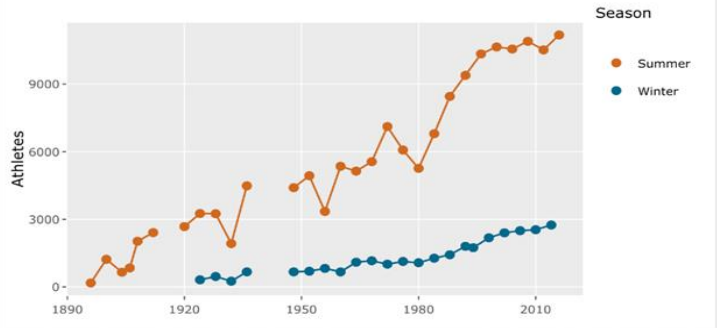
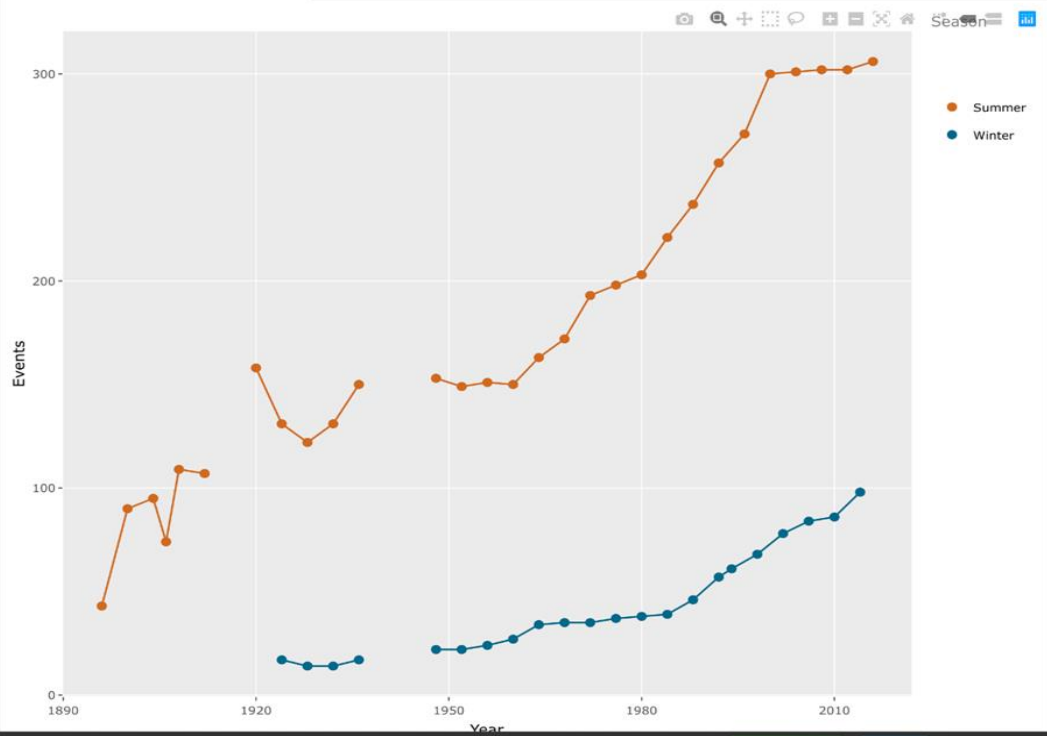
NATIONS - OLYMPIC GAMES FROM 1896 TO 2016



ATHLETES - OLYMPIC GAMES FROM 1896 TO 2016



EVENTS - OLYMPIC GAMES FROM 1896 TO 2016 | TOP 30 - NATIONS WITH THE MOST MEDALS WON



120 years of Olympic Games — How to analyze and visualize the history with R by Saúl Buentello Last updated 11 months ago

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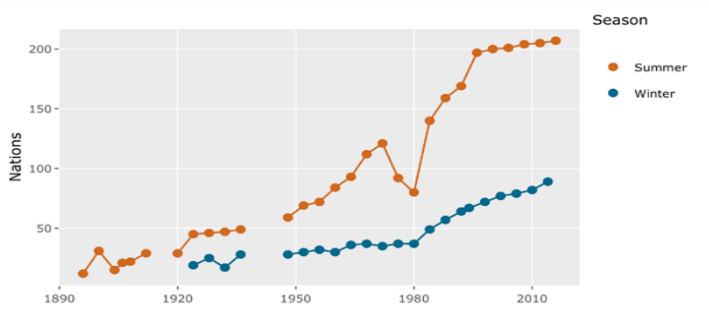
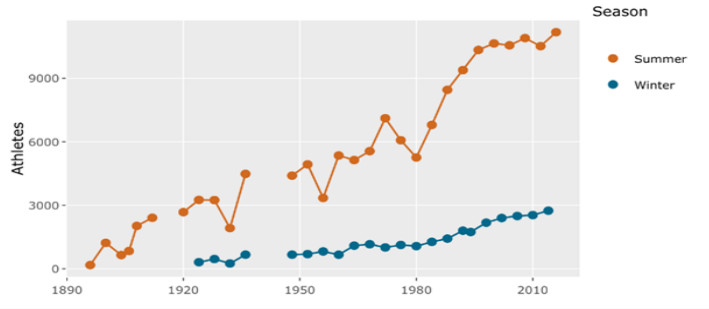
120 years of Olympic Games - How to analyze and visualize the history with R | Part 1 | Part 2 | Medium article

NATIONS - OLYMPIC GAMES FROM 1896 TO 2016



ATHLETES - OLYMPIC GAMES FROM 1896 TO 2016



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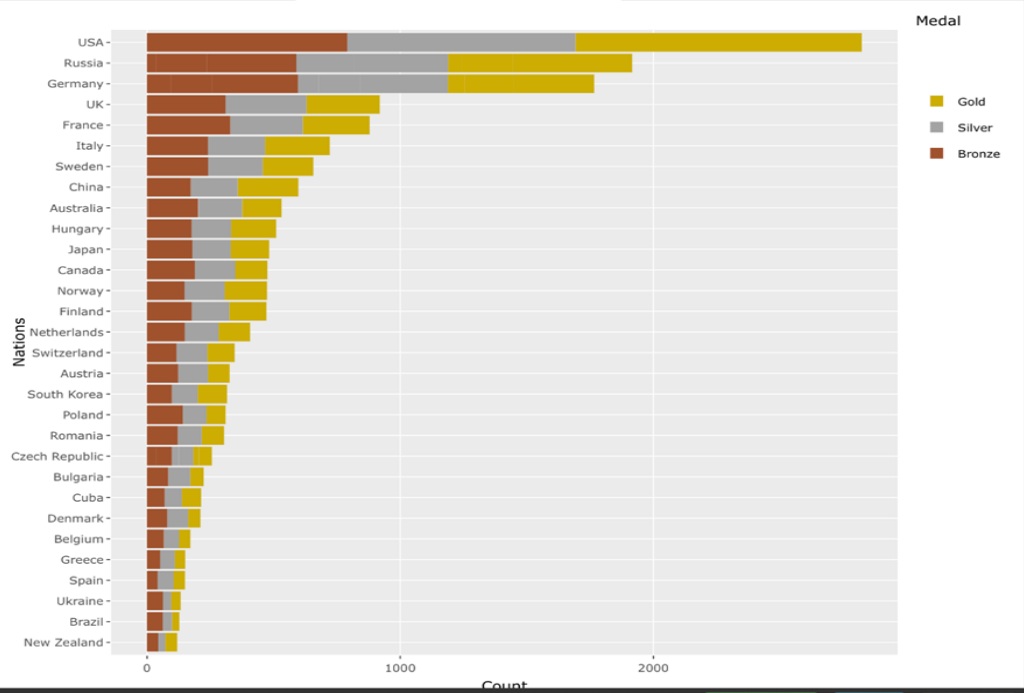

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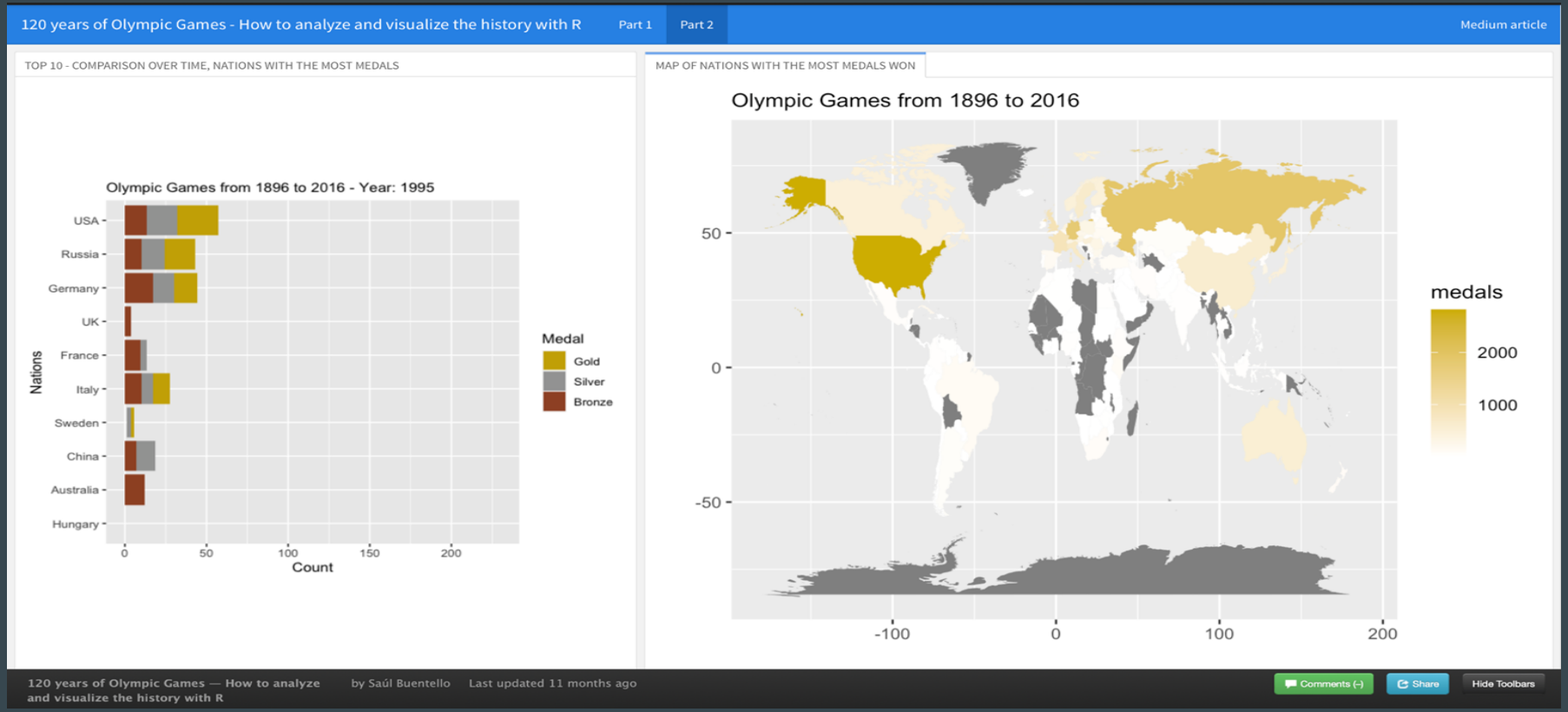
How is the data currently visualised



Did it achieve its intended task?

1. Which countries are the most dominant?
    - Yes
2. How has involvement evolved?
    - To a certain degree
3. Which countries have the most medals in various disciplines?
    - No
4. What is the ratio of female/male Olympic attendees?
    - No

Suggestions

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What

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We plan to use the same dataset

Why

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Provide insight for aspiring Olympic athletes

How

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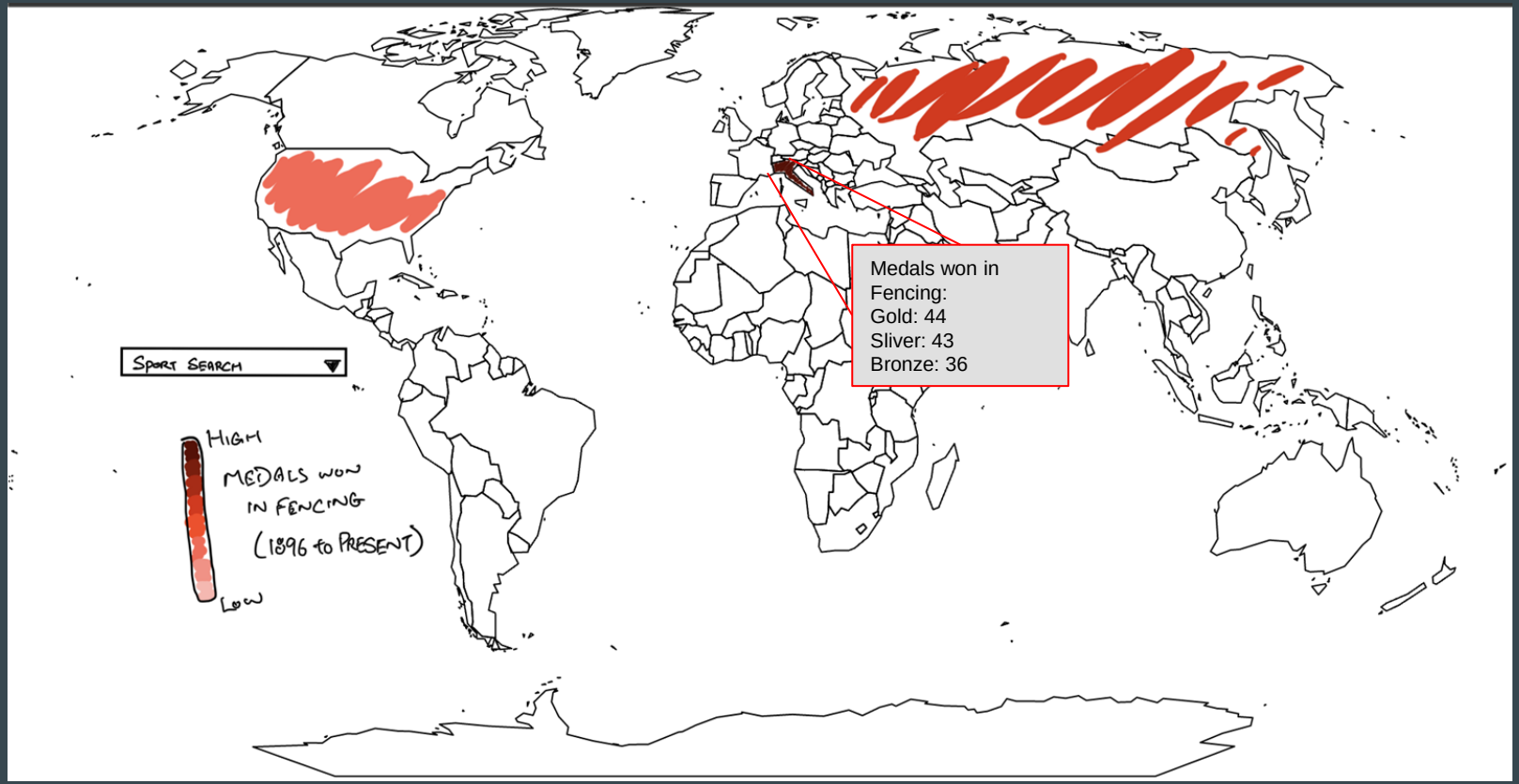
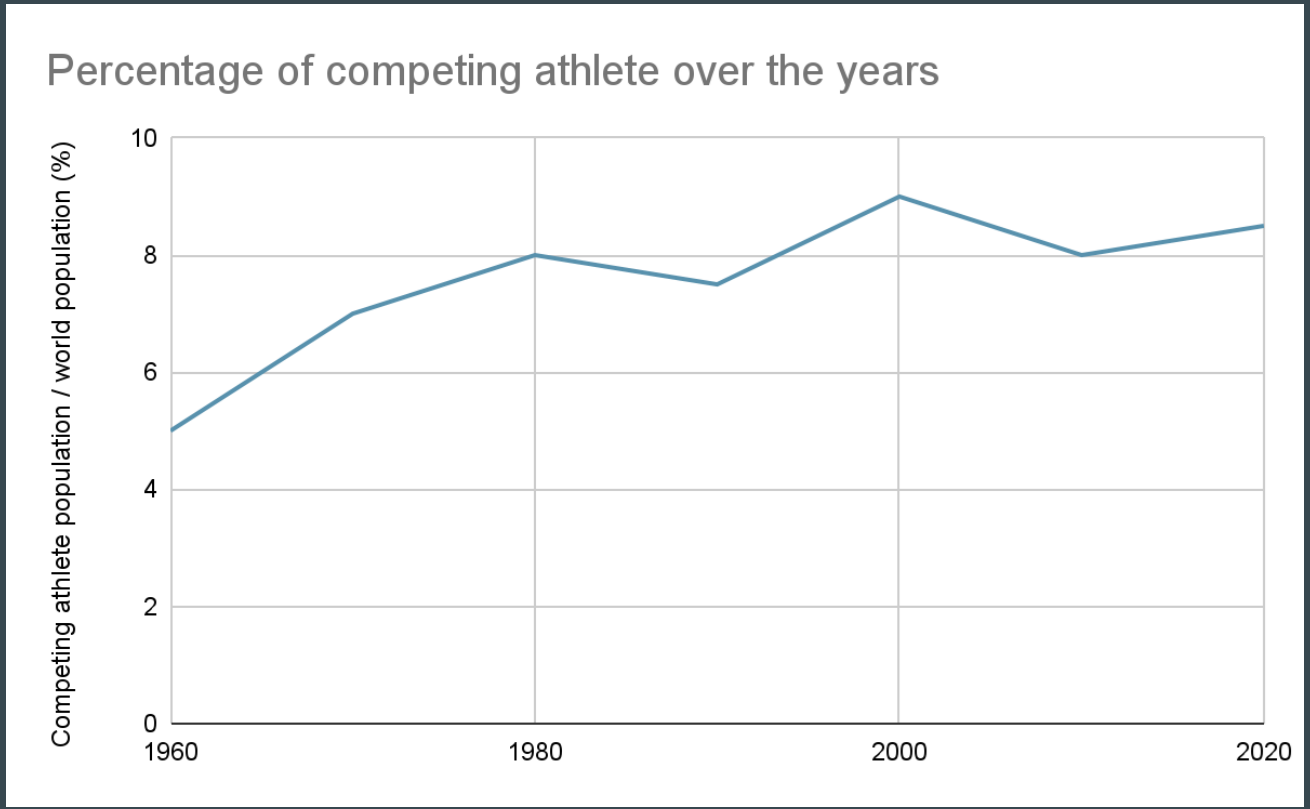
Improvements

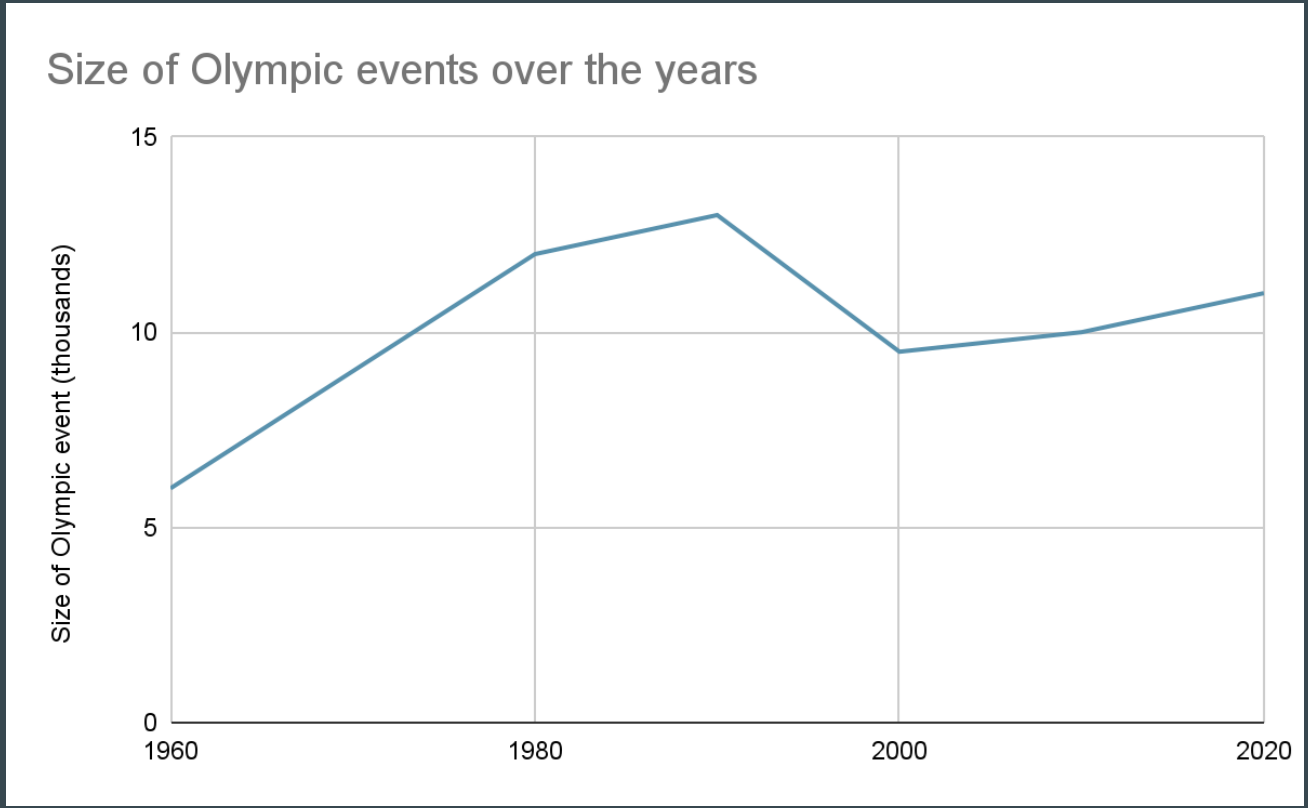
Improvements



Improvements



Improvements



Visualization 2

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MENU
Home
Daily News Worldwide
Automotive Sales
- Models by Country
- Search By Model/EV/etc.

Automotive Production
- Models by Country
- Search By Model/OEM/etc.
- Engine Data

Model Launch Schedules
- By OEM / Market New
- Models/Refined search

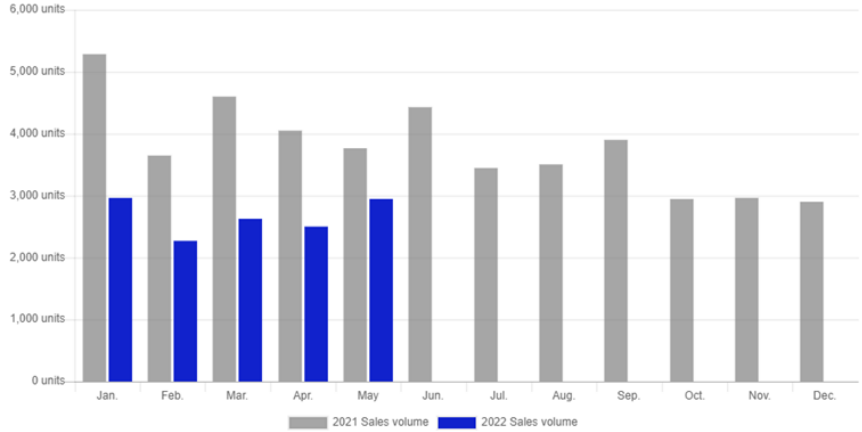
Electric/Autonomous
Market & Tech Reports
- Latest
- EV / Exhibitions / Teardowns
- Forecast Reports

Benchmarking/Teardown
- Teardown Reports
- Fee based data&Report New
  - Inverter
  - Side-by-side EV Motor
  - Tesla Model Y
  - Tesla Model 3
  - Model 3 CAD Data

OEM Plants
- Plant Location
- Search (OEM/Region)
- Capacity Distribution

Home > Vehicle Sales Data > Models by Country > Singapore - Automotive Sales volume, 2022

Singapore - Automotive Sales volume, 2022



Free Trial for Monthly Sales by Model in Singapore

2017 2018 2019 2020 2021 2022

Flash report, Automotive sales volume, 2022

Jan. Feb. Mar. Apr. May Jun. Jul. Aug. Sep. Oct. Nov. Dec.

Flash report, May 2022

Jun 14, 2022

*There are cases where recently released data and detailed information in the database do not match up for reasons including different information sources, and discrepancies between preliminary reports and confirmed data.

Critique

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What

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Singapore - Registrations of new cars

Maker/Brand	Dec. 2021	Share	Jan.-Dec. 2021	Share
Toyota	694	23.9%	9,633	21.2%
Mercedes-Benz	286	9.9%	6,421	14.1%
BMW	292	10.1%	5,255	11.6%
Honda	270	9.3%	4,815	10.6%
Hyundai	195	6.7%	2,861	6.3%
Mazda	64	2.2%	2,366	5.2%
Audi	180	6.2%	1,975	4.3%
Nissan	83	2.9%	1,821	4.0%

Why

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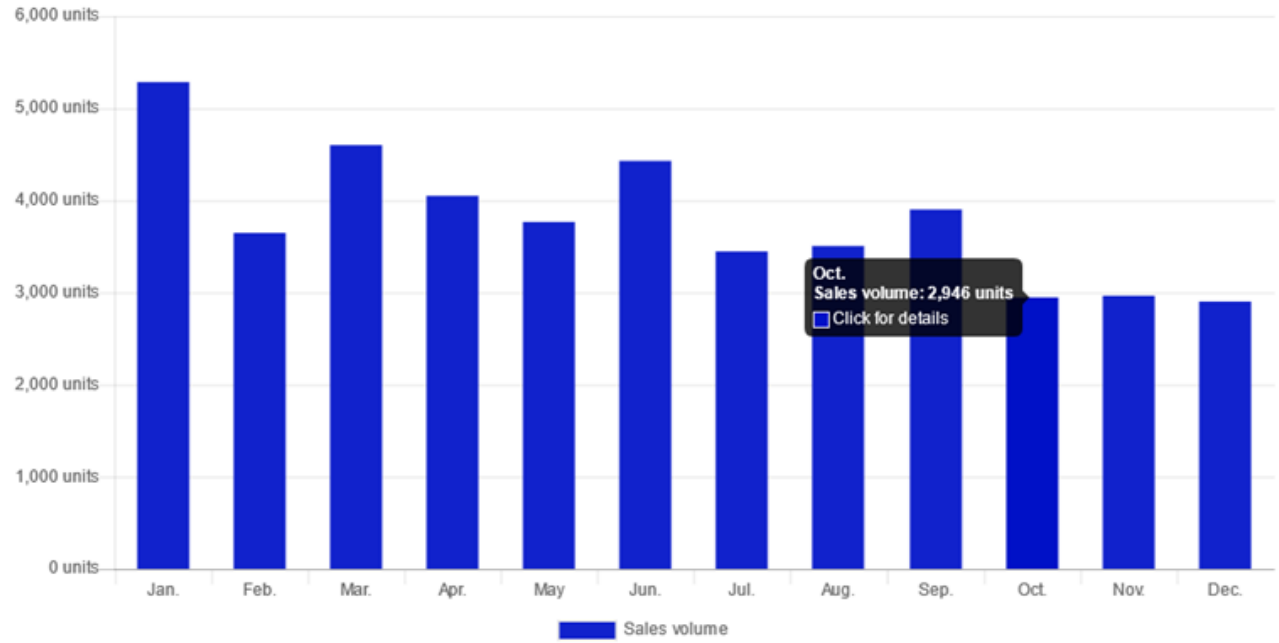
Provide accurate information for end-user

How

...

Singapore - Automotive sales volume, 2021



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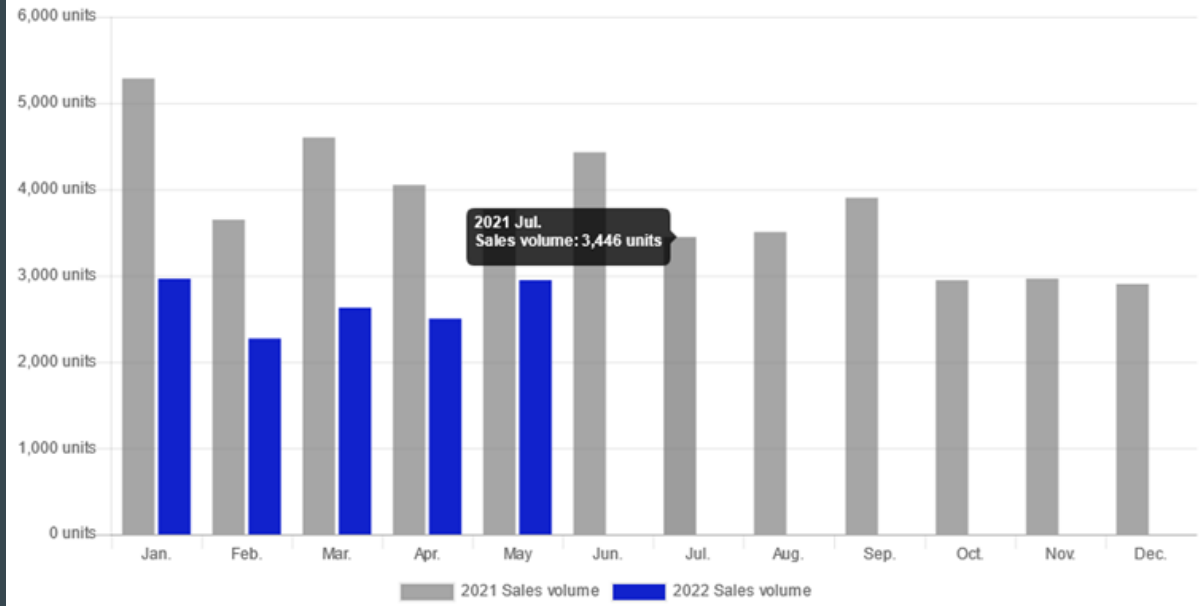
Singapore - Automotive Sales volume, 2022



Free Trial for Monthly Sales by Model in Singapore

2017 2018 2019 2020 2021 2022

Flash report, Automotive sales volume, 2022

Jan. Feb. Mar. Apr. May Jun. Jul. Aug. Sep. Oct. Nov. Dec.

Did it achieve its intended task?

1. Does it show the consumer trend
    - Yes, total sales only
2. Which brands should the suppliers stock up for spare parts?
    - Hard to visualise from a table
3. Does it provide any insights of the consumer trend across the years?
    - Yes, in multiple tables and no visualisation

Suggestions

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What

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Why

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How

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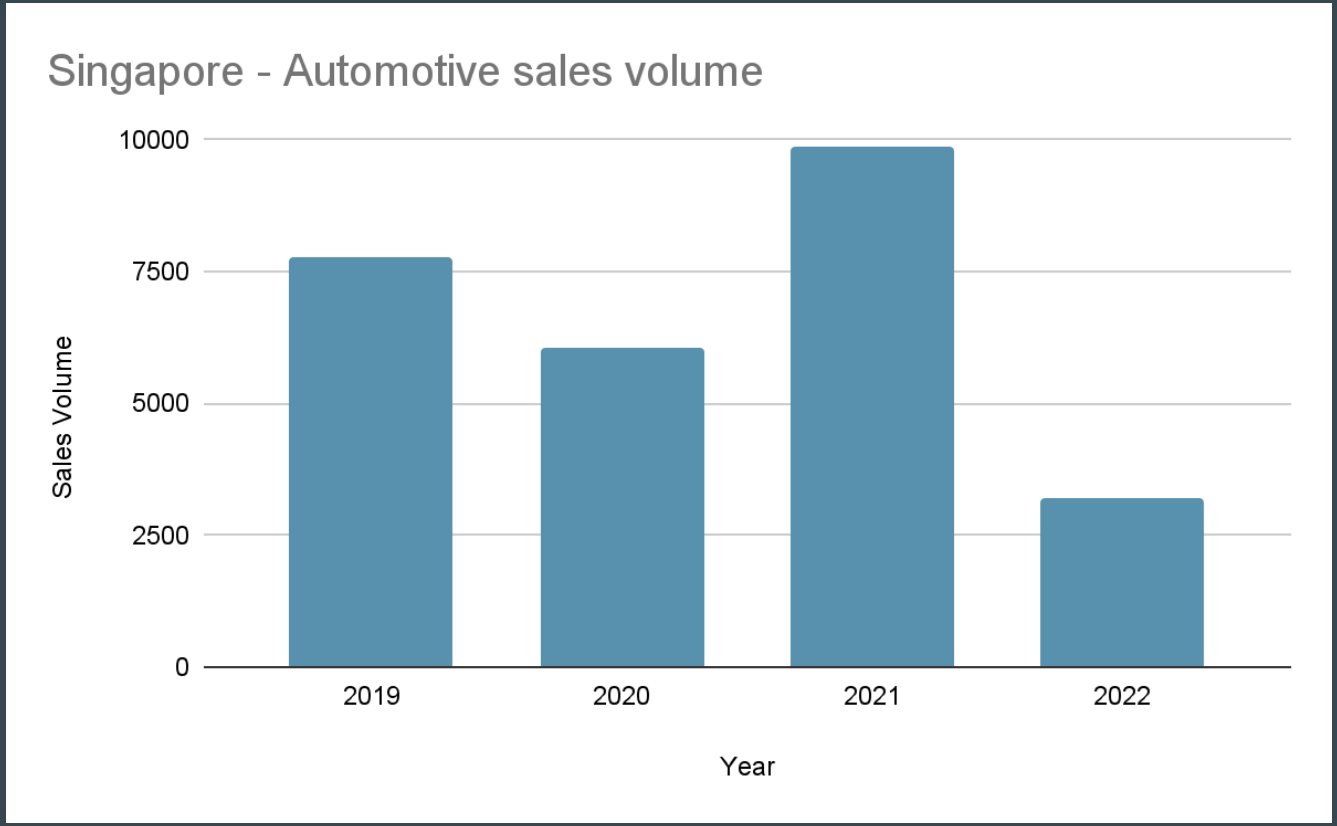
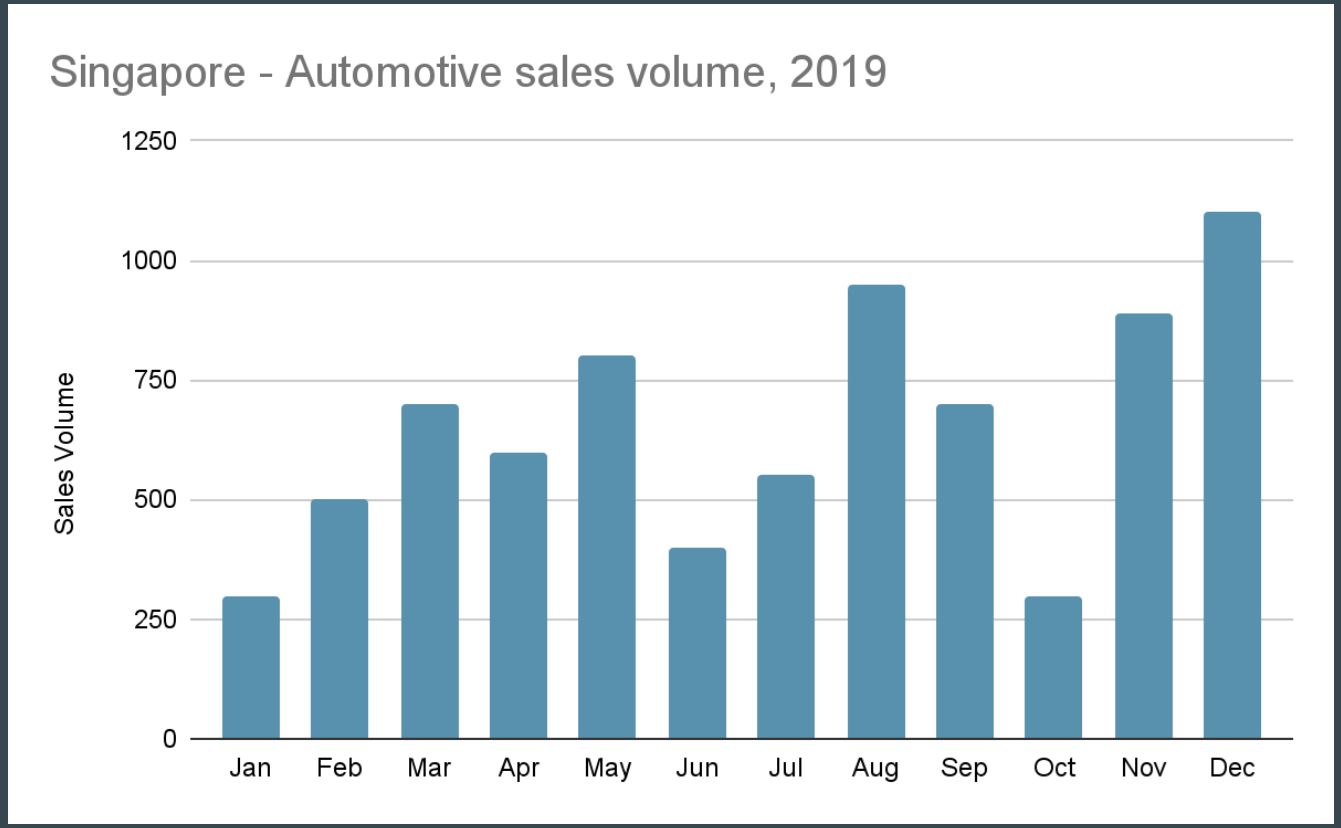
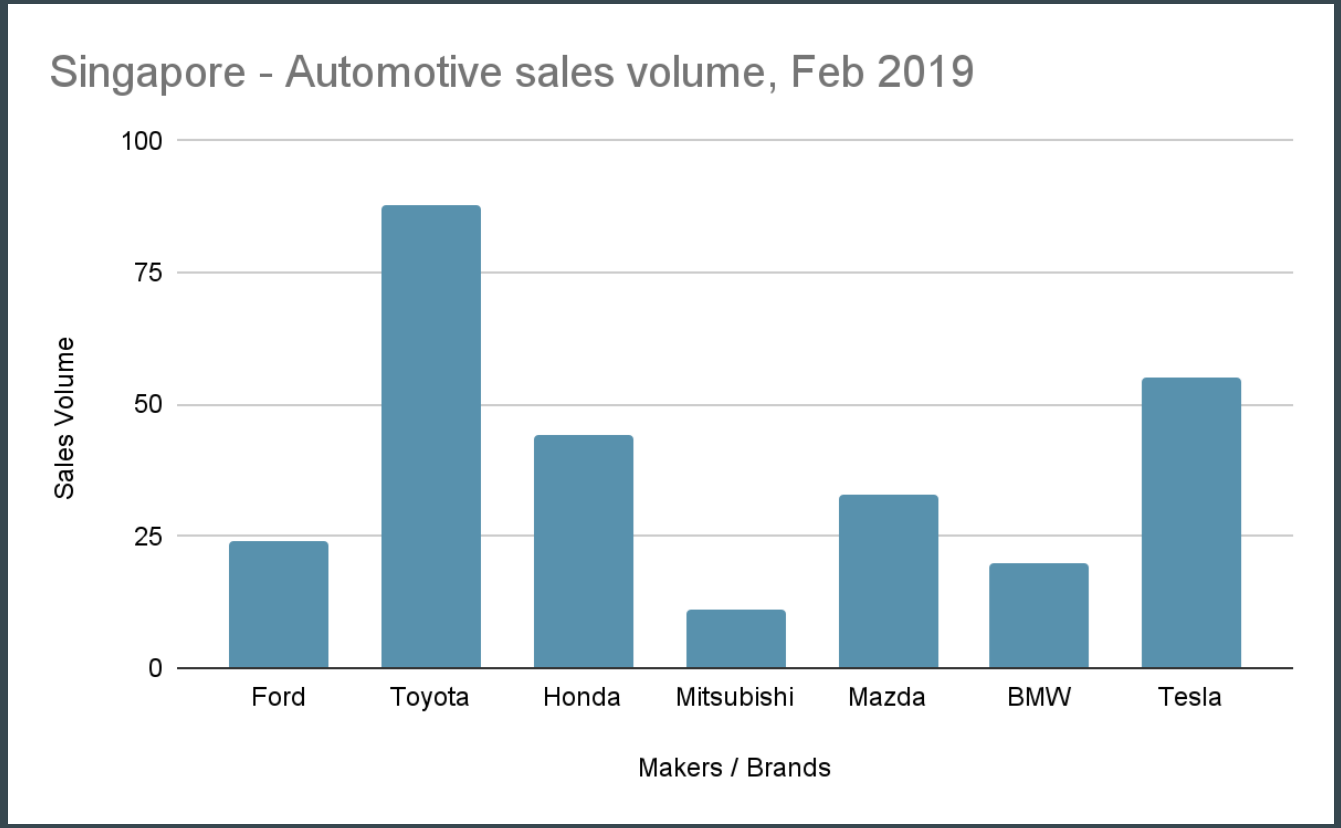
Sales volume by year



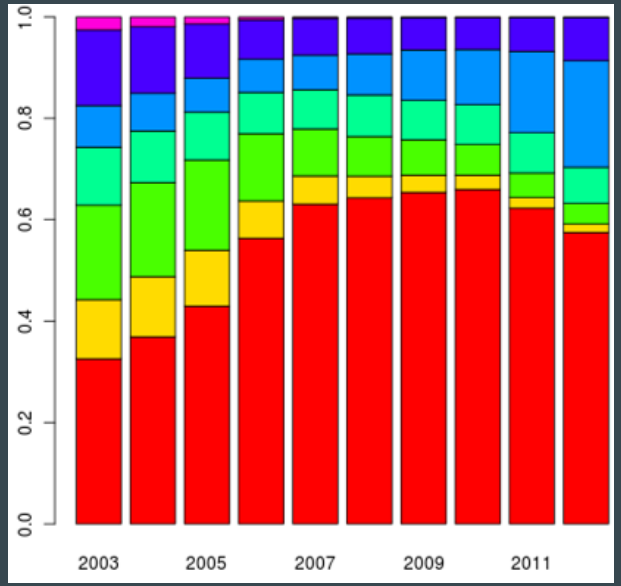
Sales volume by month



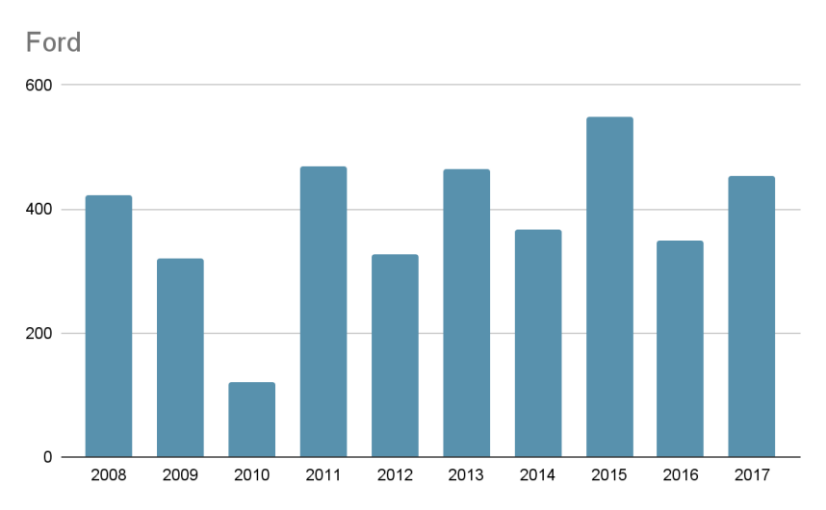
Sales volume by brands for particular month

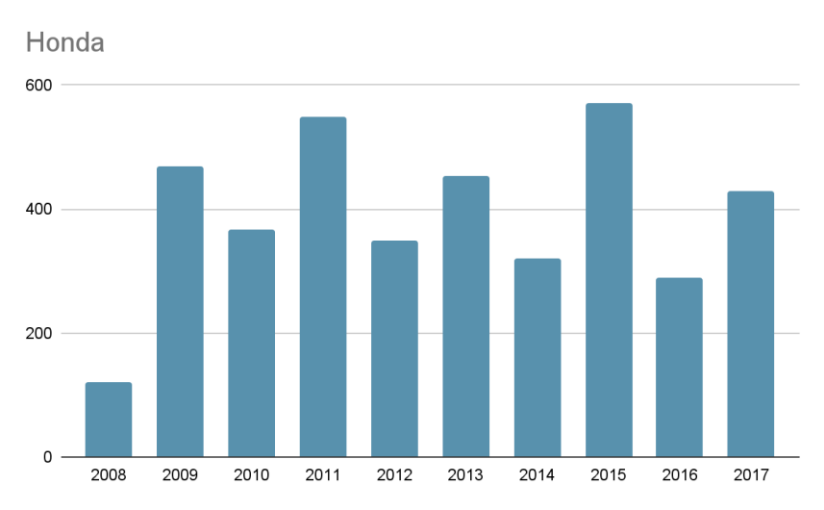


Show market share over years

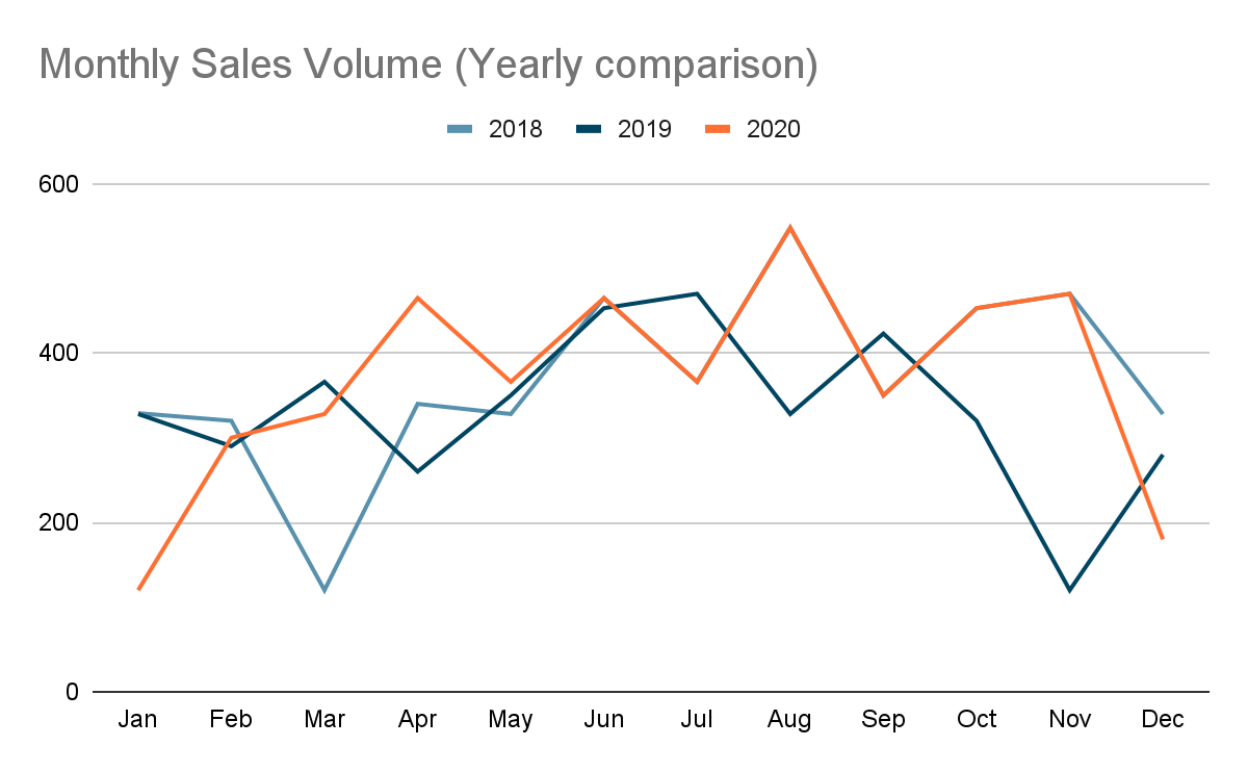


Sales volume by brand over the years





Total sales volume pattern



Project Links

Visualisation 1

- https://github.com/cosmoduende/r-olympic-games

Visualisation 2

- https://www.marklines.com/en/statistics/flash_sales/automotive-sales-in-singapore-by-month

End

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