

MakeOverMonday - Task D Tableau
NAVEEN KUMAR JAKUVA PREMKUMAR - A0212252X

Title: Women in Olympics Visualization

Dataset Name: Women-in-the-Olympic-Movement.xlsx

Data Source: <https://data.world/makeovermonday/2021w10>

Tableau Visualization: [My Visualizations on Tableau Online](#) (MakeOverMonday-A0212252X)

Dataset Description:

Column Name	Variable Type	Description
Year	Numerical	Year of Olympics
Olympics	Categorical	Either Summer Olympics or Winter Olympics
% of Women Participants	Numerical	Percentage of women who participated in the Olympics
% of Women's Events	Numerical	Percentage of the women events
Sports	Categorical	Different category of sports From 1 to 28
Total Events	Numerical	Total number of events held in the Olympics
Women Participants	Numerical	The total number of women who participated in the Olympics
Women's Events	Numerical	Number of events in which women can participate

Purpose of Visualization :

- a) Can know about the participation of women in Olympics.
- b) Analyze the trend in women participation count from the Olympics conducted so far.
- c) Know about the events in which women wish to participate more.
- d) Analyze the women's participation in Winter Olympics and Summer Olympics.

With the insights gained from the above queries, more things can be done to encourage women in participating more events in Olympics.

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Visualization 1: Year Vs Percentage of Women Participants

Queries Answered:

- a) Which year has more / less number of women's participation?
- b) Which category of Olympics has more number of women's participation in a specific year, either summer Olympics or winter Olympics?
- c) Percentage of women who participated in a specific year?

Insights Found:

- a) More women participated in the Summer Olympics of the year 2016 so far.
- b) From 1936 to 1976 more women participated in Winter Olympics compared to Summer Olympics.

Visualization Description:

Marks: **Lines**

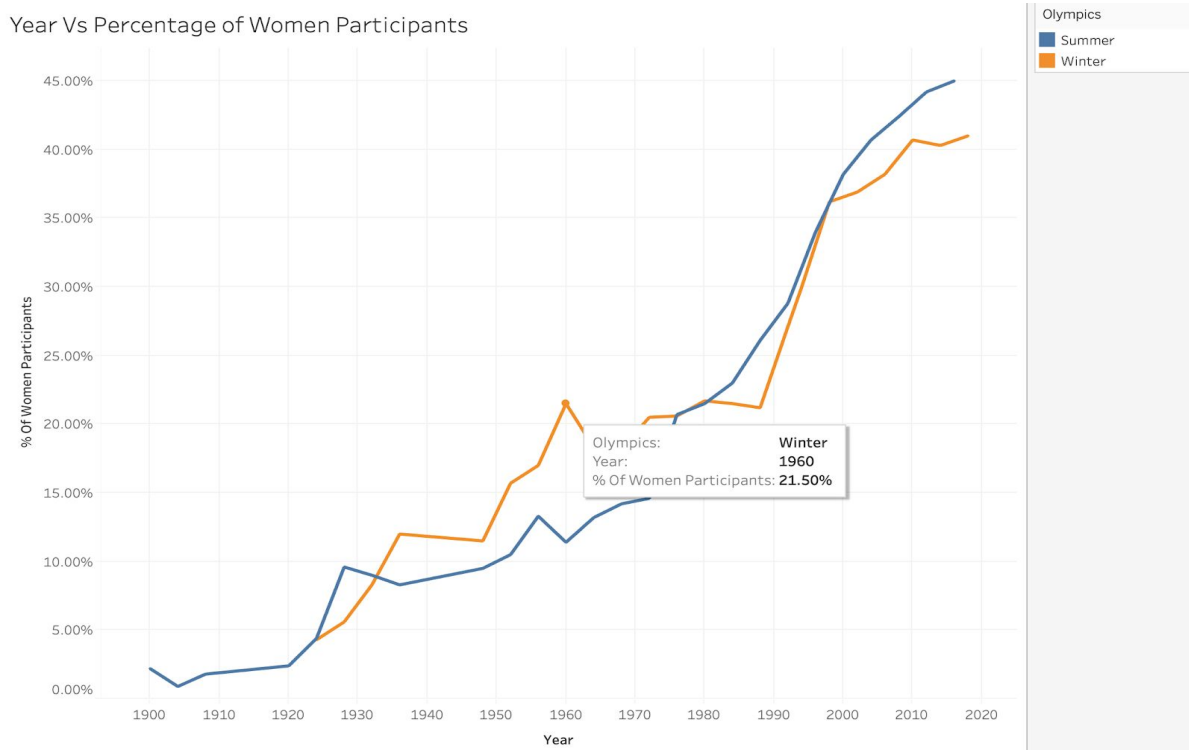
Channels: **Colours, Horizontal Positions, Vertical Positions**

Chart Type: Line Chart

X-Axis: Year of Olympics

Y-Axis: Percentage of Women Participants

Columns Used: Year, % of Women Participants, Olympics



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Visualization 2: Year Vs Events Participation

Queries Answered:

- a) Which year has more number of total events?
- b) Which year has more number of women's events?
- c) How many women's events were organized in a specific year?

Insights Found:

- a) More events were organized in the year 1992 with a count of 314.
- b) More women's events were organized in the year 2016 with a count of 145.

Visualization Description:

Marks: **Area**

Channels: **Horizontal Positions, Vertical Lengths, and Colours**

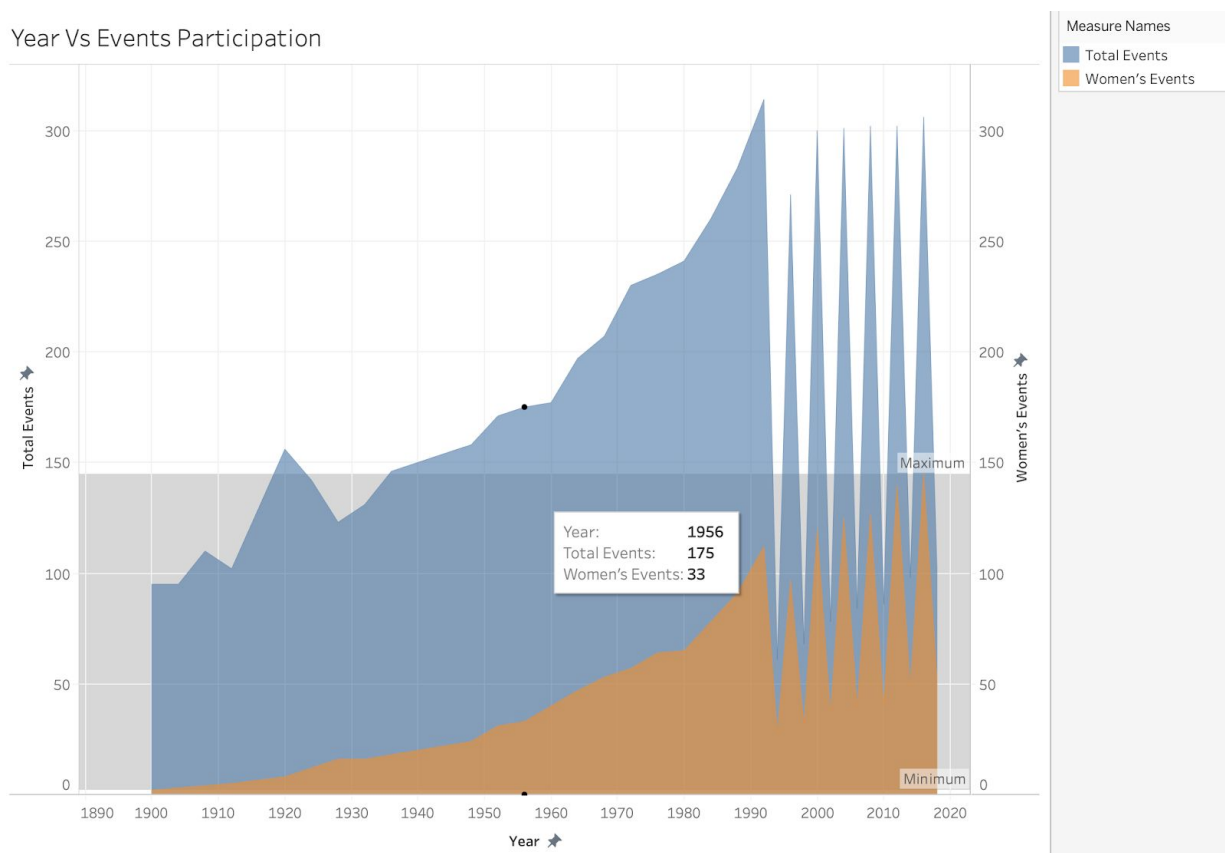
Chart Type: **Area Chart**

X-Axis: Year of Olympics

Y-Axis: Total Events and Women's Events

Columns Used: Year, Total Events, Women's Events

Year Vs Events Participation



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Visualization 3: Sports Vs % of Women Events

Queries Answered:

a) Which sports have more women's participation?

Insights Found:

a) Sports 3 have more women participation in the winter Olympics

Visualization Description:

Marks: **Points**

Channels: **Horizontal Positions, Vertical Positions, Colours**

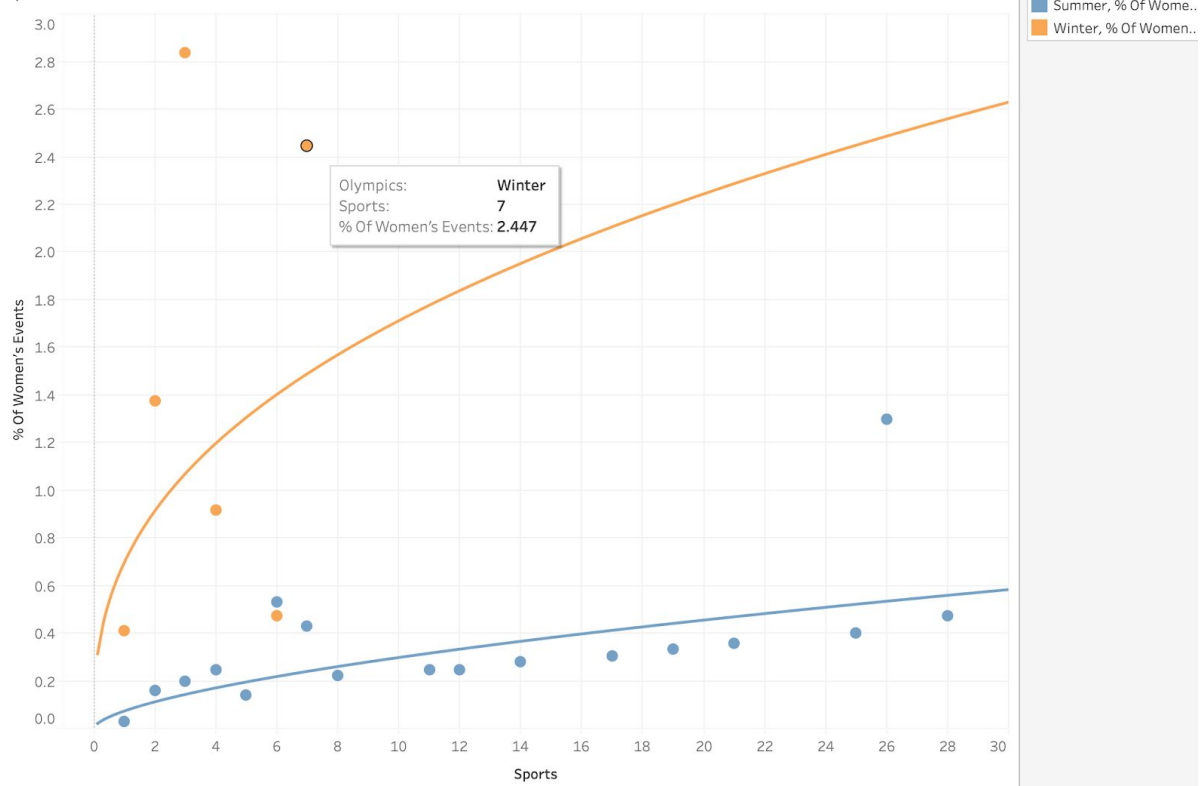
Chart Type: **Scatter Plot**

X-Axis: Sports

Y-Axis: % of Women Events

Columns Used: Sports, % of Women Events, Olympics

Sports Vs % of Women Events



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Visualization 4: Year Vs Sports

Queries Answered:

a) Which year has more sports events?

Insights Found:

a) 2016 have more sports events

Visualization Description:

Marks: **Lines**

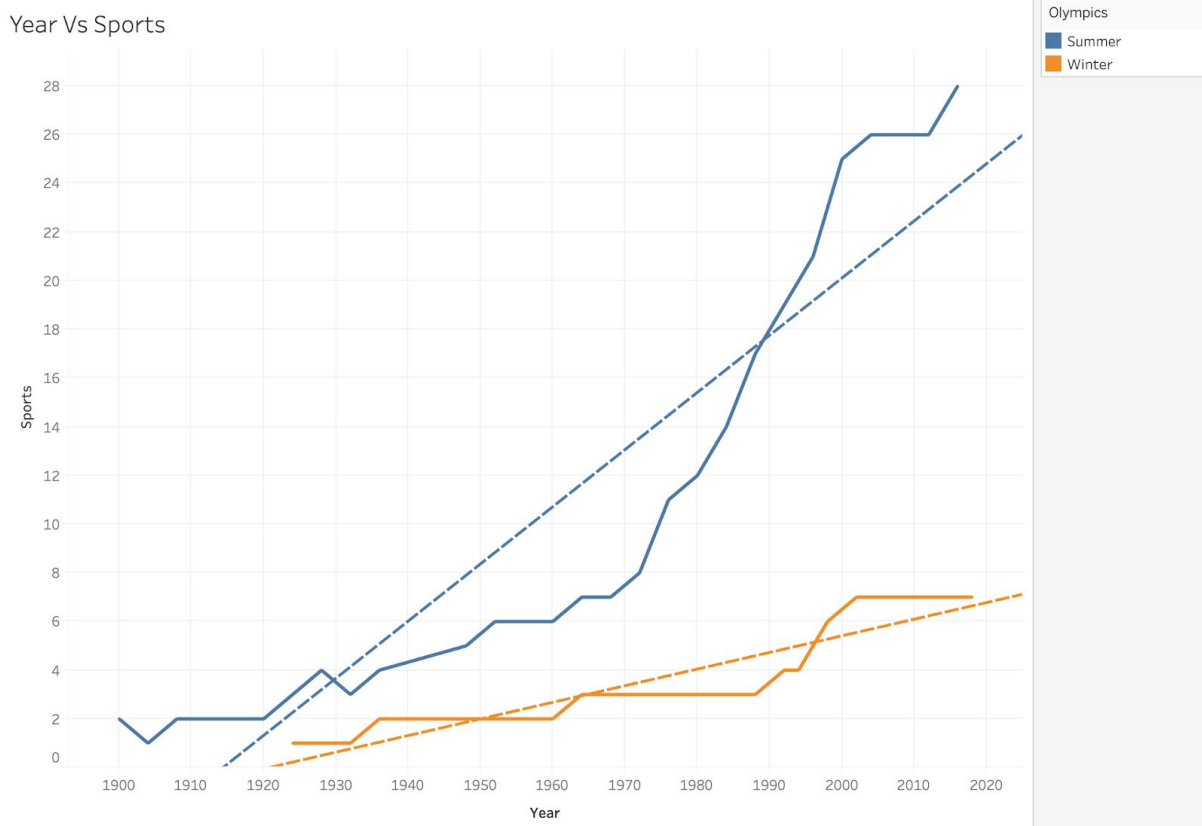
Channels: **Horizontal Positions, Vertical Positions, and colour**

Chart Type: Line Chart

X-Axis: Year

Y-Axis: Sports

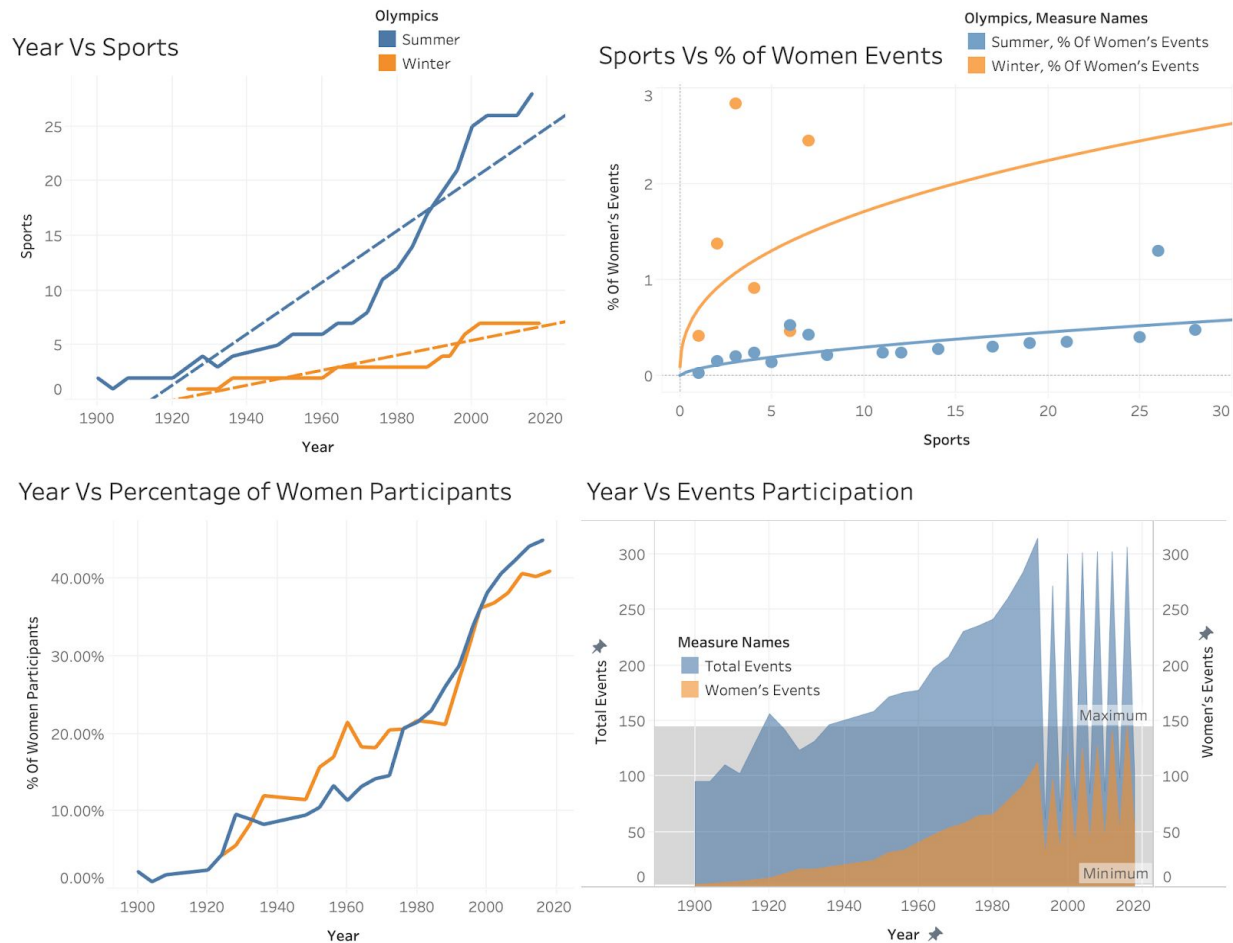
Columns used: Year, Sports



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Dashboard :



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Participation Tracker

Keep track of your participation every week!
Track your progress on our dashboard here

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Thanks for your submission! We'll be building a tracker dashboard after we have a few weeks of data. Stay tuned!

[Submit another response](#)

GoogleForms This form was created inside Makeover Monday.