

SHEET 1 IFSC World Cups

IDEAS

Competitive Sport
Climbing

World Cups

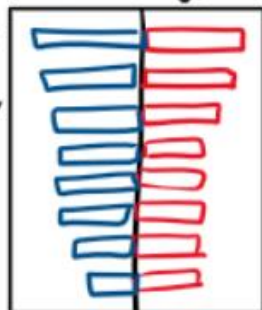


Athletes



Filter by
Lead
Boulder
Speed

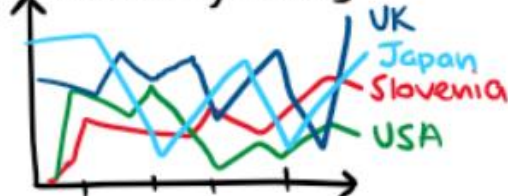
Athlete Rankings



Top Athletes

1.		~ 000
2.		~ 000
3.		~ 000
4.		~ 00

Medals by Country

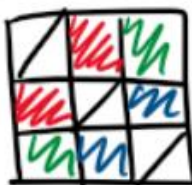


2010 2011 2012 2013

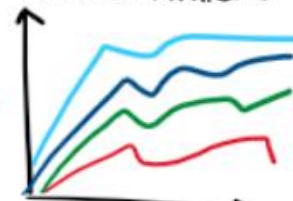
2021 Medals



Skills
Req



Total # Athletes



Gender Split



Boulder Grading System



FILTER

①



①

Gender Split



①

Total # Athletes



②

Skills Req



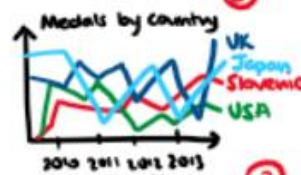
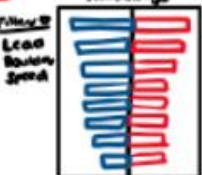
Boulder Grading System



②

③

Athlete Rankings



③



③

CATEGORISE

①

World Cup Overview

- ↳ locations/hosts
- ↳ athletes (where + how many)
- ↳ gender split

②

Requirements for Sports Climbing

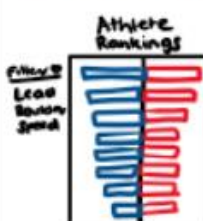
- ↳ physical traits of a climber
- ↳ boulder/lead grading system
- ↳ speed (time) + rules

③

World Cup Results

- ↳ athlete rankings 2021
- ↳ country medals 2021
- ↳ country ranking over time

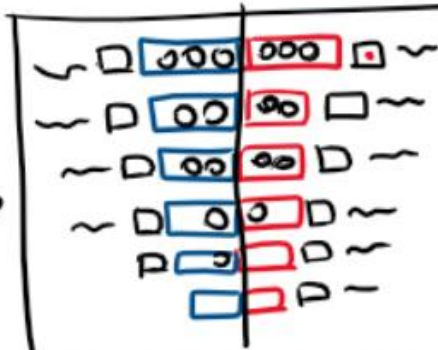
COMBINE + REFINE



+

1.		~ 000
2.		~ 000
3.		~ 000
4.		~ 00

=>



World Cups



Athletes



+

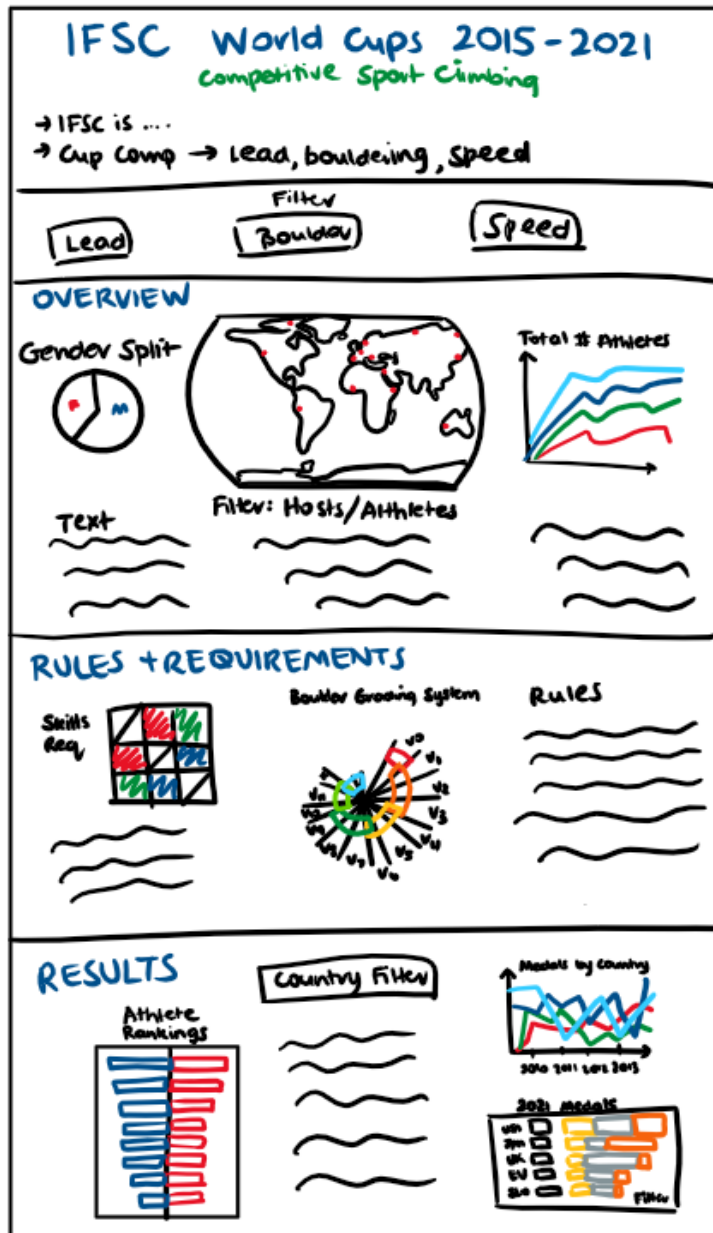


Filter by
▽ Cup Host
○ Athletes

QUESTIONS

- is the narrative clear?
- are the vis achievable?
- how can I use interactivity to improve storytelling

SHEET 2 LAYOUT



FOCUS



Filters between hosts & athletes

Map is visual centre

↳ shows the extent of competitive sport climbing over 2015-2021

↳ many different countries/athletes/disciplines

↳ very visually interesting

↳ size of dot ⇒ # athletes / # times hosted

↳ colour of dot ⇒ continent

Overview / Rules + Requirements / Results

↳ sections breakdown is into smaller more manageable pieces

↳ user can focus on parts

DISCUSSIONS

→ vertical scroll provides visual order and allows user to focus on each section individually

→ ample space for storytelling

→ balanced layout & whitespace

→ simple interactive elements

→ boulder grading polar chart may be difficult to implement in VegaLite

OPERATION

Filter between 3 main disciplines

↳ lead

↳ boulder

↳ speed

← click on 1
⇒ filter applied

→ affects gender split, map, total # athletes, athlete rankings, country medals/rankings.

Filter for country in results section

→ affects athlete rankings, medal country / rankings.

META INFORMATION

Title: IFSC World Cups 2015-2021

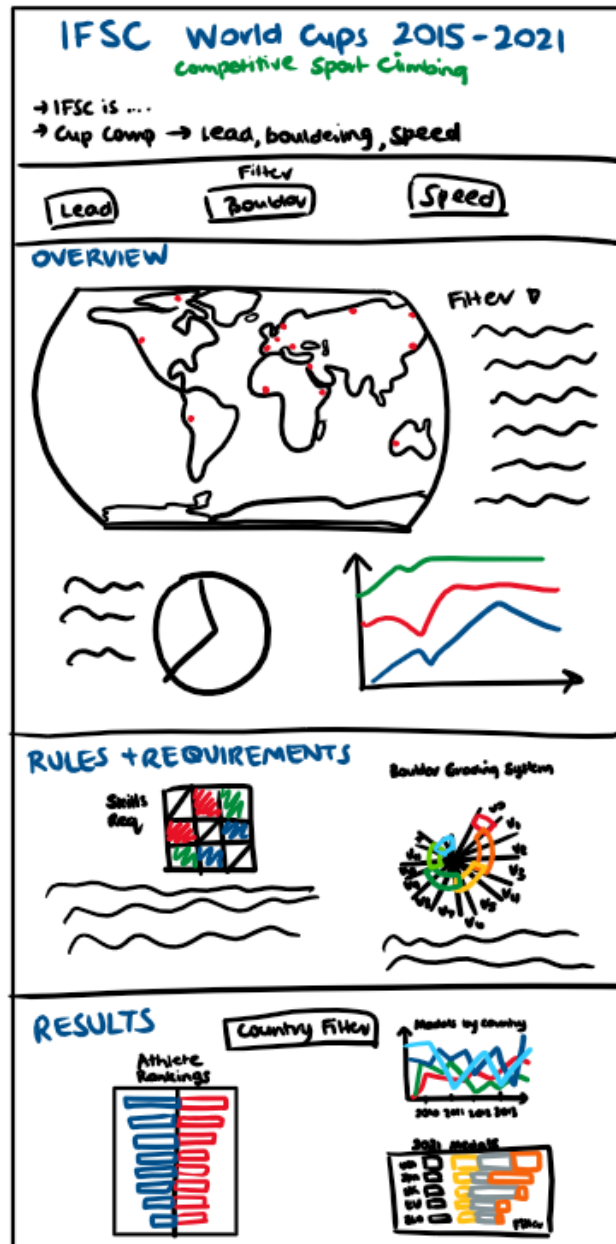
Author: Elizabeth Chai

Date: 12/09/21

Sheet: 2

Task: Draft

SHEET 3 LAYOUT



FOCUS



Filters between hosts & athletes

Map is visual centre

↳ shows the extent of competitive sport climbing over 2015-2021

↳ many different countries/athletes/disciplines

↳ very visually interesting

↳ size of dot → # athletes/
times hosted

↳ colour of dot → continent

Overview / Rules + Requirements / Results

↳ sections breakdown vis into smaller more manageable pieces

↳ user can focus on parts

DISCUSSIONS

→ larger map allows for better visual centre + attention

→ two column layout causes a longer vis → more scrolling + whitespace

→ balanced & symmetrical layout

→ simple interactive elements

→ layout easy to code

OPERATION

Filter for country in results section

→ affects athlete rankings, medal country / rankings.

Filter between 3 main disciplines

↳ lead

↳ boulder

↳ speed

← click on 1
→ filter applied

→ affects gender split, map, total # athletes, athlete rankings, country medals / rankings.

META INFORMATION

Title: IFSC World Cups 2015-2021

Author: Elizabeth Chai

Date: 12/09/21

Sheet: 3

Task: Draft

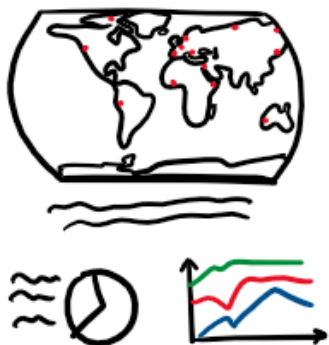
SHEET 4 LAYOUT

IFSC World Cups 2015-2021 competitive Sport Climbing

→ IFSC is ...
→ Cup Comp → Lead, bouldering, Speed

Filter
Lead
Boulder
Speed

OVERVIEW



RULES + REQUIREMENTS



RESULTS



FOCUS



Filters between
hosts & athletes

Map is visual centre

↳ shows the extent
of competitive sport
climbing over
2015-2021

↳ many different
countries/athletes/
disciplines

↳ very visually
interesting

↳ size of dot → # athletes/
times hosted

↳ colour of dot → continent

Overview / Rules + Requirements /
Results

↳ sections breakdown vis into
smaller more manageable pieces

↳ user can focus on parts

↳ left/right lay out gives more
emphasis to overview section

OPERATION

Filter between 3 main disciplines

↳ lead
↳ boulder
↳ speed

← click on 1

→ filter applied

→ affects gender split, map,
total # athletes, athlete
rankings, country medals/
rankings.

Filter for country in results
section

→ affects athlete rankings,
medal country / rankings.

DISCUSSIONS

→ map is no longer in visual
centre

→ harder to fit 4 vis charts across
landscape window & make it look
nice

→ a lot of whitespace near title

→ layout very clean

META INFORMATION

Title: IFSC World Cups 2015-
2021

Author: Elizabeth Chai

Date: 12/09/21

Sheet: 4

Task: Draft

