Codeforces Colorism?

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Agenda

- What's Codeforces?

- An Issue on Codeforces: Colorism

- Research Method

- Partial Results

What's Codeforces?

Codeforces and Competitive Programming

- **Codeforces** is a website that hosts **competitive programming** contests. [Wikipedia]

- **Competitive programming** is a **mind sport** involving participants trying to program according to provided specifications. [Wikipedia]

- Other **mind sports**: chess, speed reading, cybersecurity wargames. [Wikipedia]

Rating System

Rating range	Title	Division
≥ 3000	*Legendary Grandmaster*	1
2600 — 2999	**International Grandmaster**	1
2400 — 2599	**Grandmaster**	1
2300 — 2399	**International Master**	1
2100 — 2299	**Master**	1
1900 — 2099	**Candidate Master**	1/2
1600 — 1899	**Expert**	2
1400 — 1599	**Specialist**	2/3
1200 — 1399	**Pupil**	2/3/4
≤ 1199	Newbie	2/3/4

→ **-1e11**

Rating: **2354**
Contribution: **+12**

- Settings
- Blog
- Teams
- Submissions
- Favourites
- Problemsetting
- Groups
- Propose a contest/problems
- Talks
- Contests

-1e11

Social networking

2 days ago, # | ☆   ▲ **+11** ▼

D is somewhat monotonic stack and dp, I thought so
→ Reply

sieunhan283

2 days ago, # ^ | ☆   ← Rev. 2   ▲ **-7** ▼

I tried the formula dp[i] = Sigma(dp[j-1]) with a[j] >= a[i] and j <= i result is the product dp of 2 sequences a[0] ... .
a[minimum_index] and a[n-1] ... a[minimum_index] but wrong, do you have any other solution
→ Reply

mangoobosss

2 days ago, # ^ | ☆   ← Rev. 2   ▲ **-12** ▼

I just thought so, but didn't come up with a clear solution
→ Reply

sieunhan283

2 days ago, # | ☆   ▲ **0** ▼

I managed to solve three problems during the contest, were the problems easy or I'm getting better?

Thank you for the amazing contest!
→ Reply

travelingdunia

2 days ago, # ^ | ☆   ▲ **+10** ▼

Unfortunately it was easy :(
→ Reply

650iq

Sum up for Codeforces

- Codeforces is a website for a mind sport.

- Users' handles are displayed **based on their performance**.

- Social networking and **voting features**.

Colorism

I don't want this to get normalized

- ...I don't think comments like "you use X in model solution, author, are you an idiot?", "f**k you and your problems, they are shit" and such should be normal on Codeforces, especially when written by someone high-rated and/or respected in the community...

- ...Codeforces community is biased towards people with high rating and people who do something for the website.... people think that if a high-rated participant and a problemsetter allows himself (or herself) to be rude and offensive, then it is acceptable...
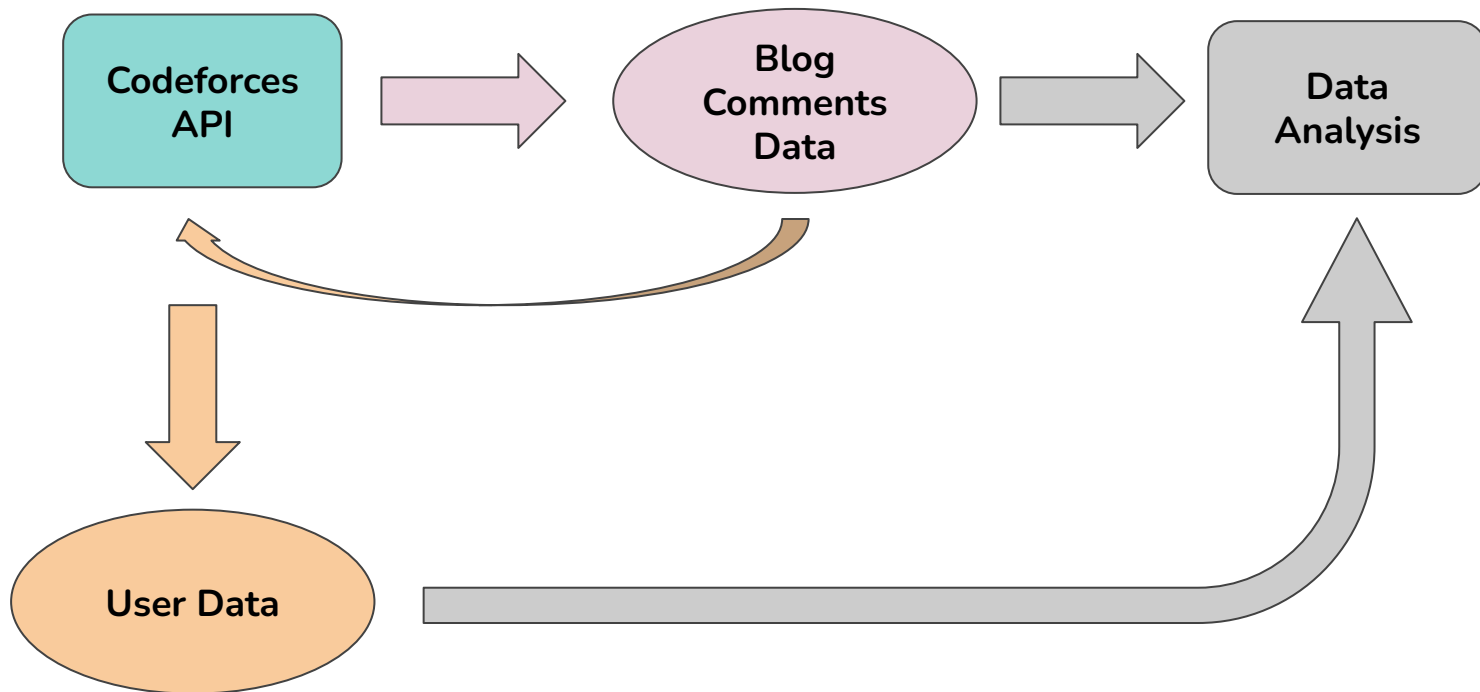
Is it real or bias?

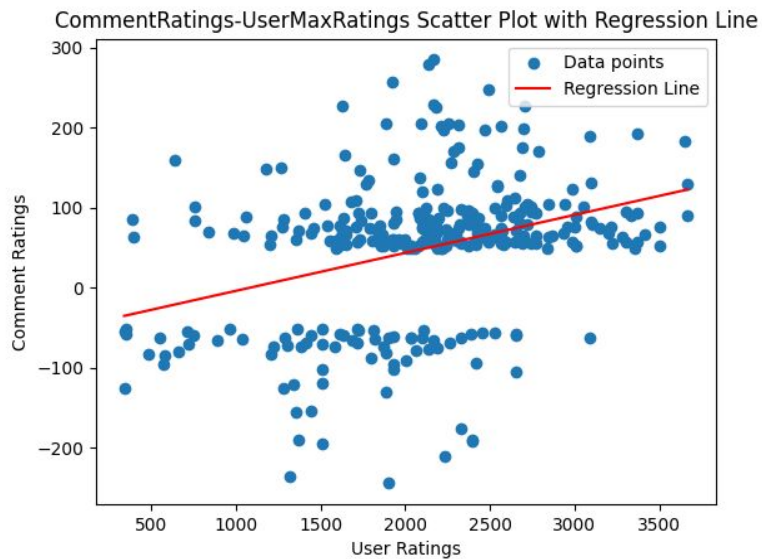# Research Method

Flow (overview)

Data Filter

- **Active** users
    - Pariticipated 5+ contests
    - Participated 1+ contest in the past six months

- **Significantly** upvoted / downvoted comments
    - Absolute value of #votes reaches threshold
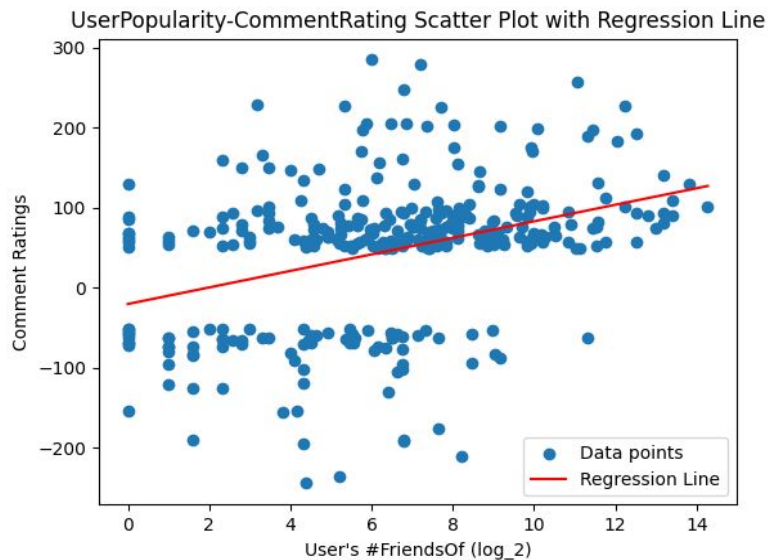
Partial Results

Scatter Plots

User Ratings

User Followers

Brief Summary

- For other more complicated results (e.g. keyword mining), they will be presented in the report.

- Colorism does exist!

- High-follower users tend to leave less controversial remarks.

Thanks for your listening!

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Q & A