

FSU-KNU Hackathon Analysis

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Published output: <https://rpubs.com/bretsw/hackathon-fsu-knu-2024/>

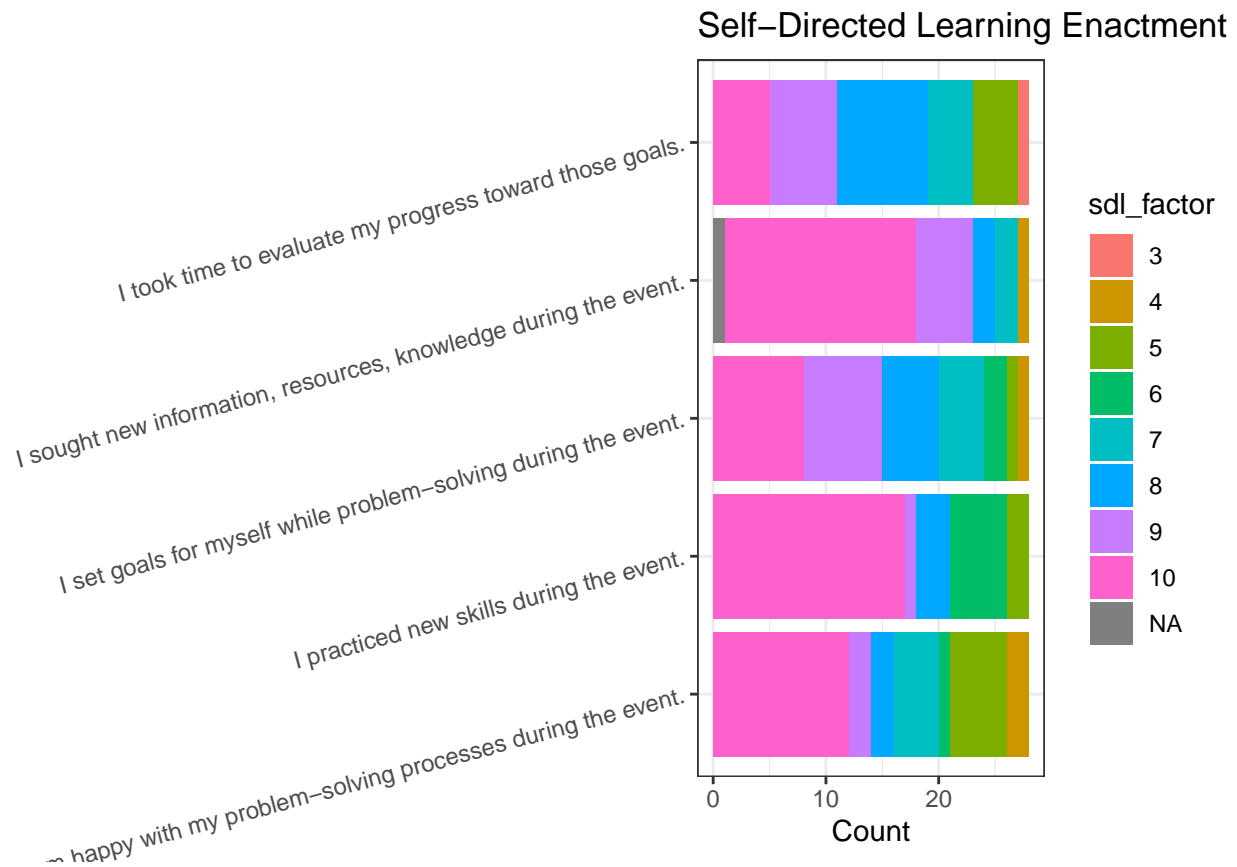
Source code: <https://github.com/bretsw/hackathon-fsu-knu-2024/>

Self-Directed Learning

Please rate the degree to which you agree with the following statements about your participation in the event:

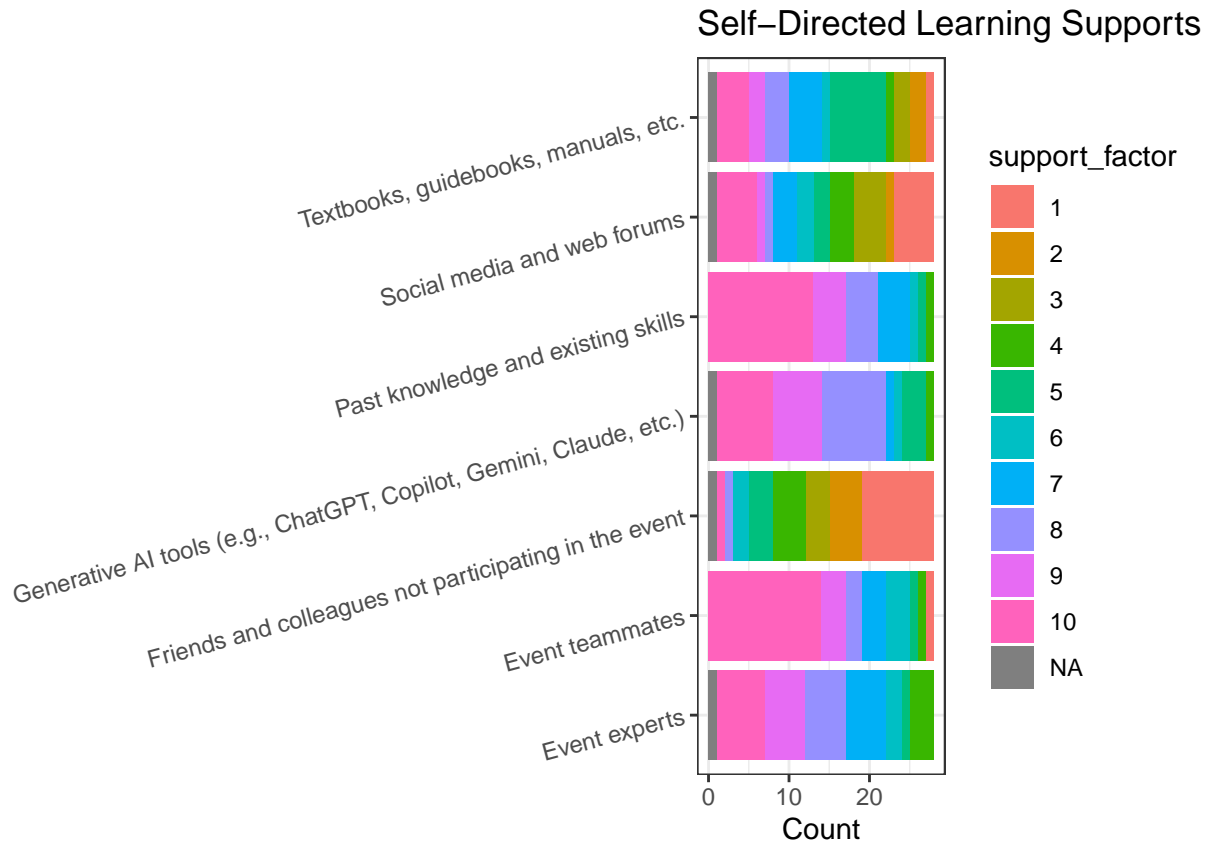
```
## # A tibble: 5 x 2
##   'Self-Directed Learning Enactment'      'Mean Score (1-10)'
```

##	<chr>	<dbl>
##	1 I sought new information, resources, knowledge during the~	9.22
##	2 I practiced new skills during the event.	8.68
##	3 I set goals for myself while problem-solving during the e~	8.29
##	4 I am happy with my problem-solving processes during the e~	7.89
##	5 I took time to evaluate my progress toward those goals.	7.82



Please rate the importance of the following supports for problem-solving during this event:

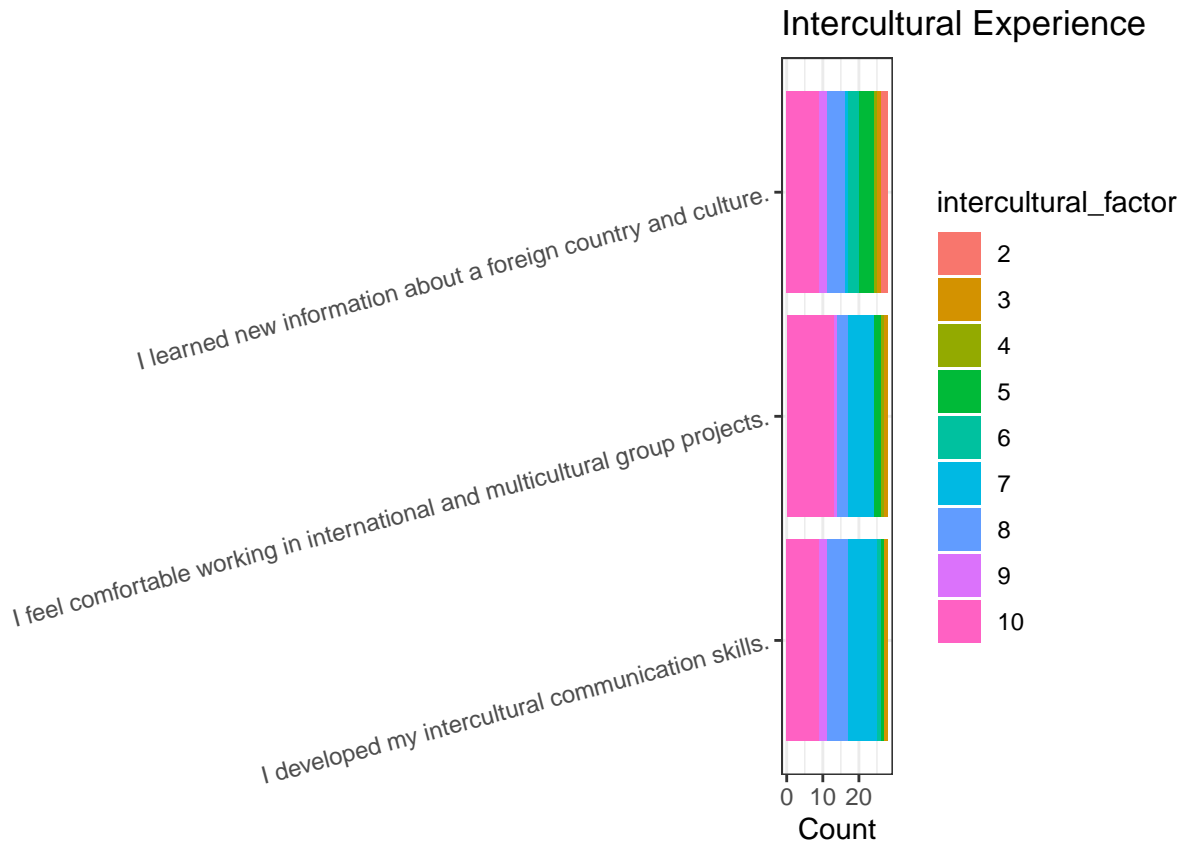
## # A tibble: 7 x 2	
## 'Importance of Self-Directed Learning Supports'	'Mean Score (1-10)'
## <chr>	<dbl>
## 1 Past knowledge and existing skills	8.61
## 2 Event teammates	8.29
## 3 Generative AI tools (e.g., ChatGPT, Copilot, Gemini, Clau~	8.15
## 4 Event experts	7.74
## 5 Textbooks, guidebooks, manuals, etc.	6.15
## 6 Social media and web forums	5.22
## 7 Friends and colleagues not participating in the event	3.22



Intercultural Experience

Please rate the degree to which you agree with the following statements about your participation in the event:

```
## # A tibble: 3 x 2
##   'Intercultural Experience'      'Mean Score (1-10)'
##   <chr>                        <dbl>
## 1 I feel comfortable working in international and multicult~ 8.18
## 2 I developed my intercultural communication skills.         8.07
## 3 I learned new information about a foreign country and cul~ 7.29
```



Event Evaluation

How satisfied are you with this event?

```
## # A tibble: 3 x 2
##   'Satisfaction with Event' 'Number of Responses'
##   <fct>                    <int>
## 1 Absolutely pleased. When will the next one be?      13
## 2 Satisfied                                           13
## 3 Dissatisfied                                           2
```

How well was this event organized?

```
## # A tibble: 5 x 2
##   'Organization of Event' 'Number of Responses'
##   <chr>                  <dbl>
## 1 Perfectly              4
## 2 Good                   16
## 3 Not bad                 6
## 4 Badly                  2
## 5 Terribly               0
```

How helpful were the event experts?

```
## # A tibble: 6 x 2
##   'Helpfulness of Experts' 'Number of Responses'
##   <chr>                    <dbl>
## 1 Super helpful          11
## 2 Useful                 14
## 3 Enough                 2
## 4 Did not help           0
## 5 I did not follow their recommendations 0
## 6 I am an expert         0
```

Are you ready to move forward in your career?

```
## # A tibble: 2 x 2
##   'Ready to Move Forward' 'Number of Responses'
##   <chr>                  <int>
## 1 No                      1
## 2 Yes                    27
```

Please rate, with 1 being not at all prepared and 10 being completely prepared, the degree to which you feel ready to move forward in your career because of this event:

```
## # A tibble: 11 x 2
##   'Readiness to Move Forward' 'Number of Responses'
##   <dbl>                    <dbl>
## 1 1                        1
## 2 2                        0
## 3 3                        1
## 4 4                        2
## 5 5                        0
## 6 6                        6
## 7 7                        6
## 8 8                        5
## 9 9                        3
## 10 10                     2
## 11 NA                     2
```

Participant Background

Not counting this event, how many times have you previously participated in hackathons or similar events?

```
## # A tibble: 12 x 2
##   'Number of Past Hackathons' 'Number of Responses'
##   <dbl>                    <dbl>
## 1 0                        8
## 2 1                        3
## 3 2                        0
## 4 3                        1
```

## 5	4	0
## 6	5	1
## 7	6	2
## 8	7	0
## 9	8	0
## 10	9	0
## 11	10	0
## 12	NA	13

Have you participated previously in international group projects?

```
## # A tibble: 2 x 2
##   'Past International Group Projects' 'Number of Responses'
##   <chr>                                <int>
## 1 No                                  22
## 2 Yes                                 6
```

What is your favorite programming language/stack?

```
## # A tibble: 10 x 2
##   'Favorite Programming Language' 'Number of Responses'
##   <chr>                                <dbl>
## 1 Python                             15
## 2 C++                                 3
## 3 C#                                  2
## 4 Frontend                           2
## 5 Java                                2
## 6 <NA>                                2
## 7 Other                               1
## 8 SQL                                 1
## 9 R                                   0
## 10 PHP                                0
```