Survey on Machine Learning Training Needs

Conducted August-September, 2021
@Machine Learning Group 2021 Monthly Meeting (27 October)
Why are you interested in the machine learning training?

Total 49 respondents
- Currently using: 25 (51%)
- Not now, but near future: 14 (28%)
- Not foreseeable future, but for career development: 4 (8%)
- Other: 4 (8%)
- Not interested: 2 (4%)
Which areas of the machine learning do you need training for (select all that apply)?

Among those who use ML now
- NLP: 21
- ML deployment: 18
- Deep learning: 17

Among those who want to use ML for near future
- ML algorithm: 11
- Data visualization: 8
- ML fundamental: 7
- ML deployment: 7
Which software language or program do you need training for machine learning (select all that apply)?

Among those who use ML now
- **Python:** 21
- **R:** 17
- **SAS:** 4

Among those who use ML for near future
- **R:** 10
- **Python:** 9
- **SAS:** 1
What are the challenges for you to take training in machine learning (select all that apply)?

- Software hardware
- Support from management
- Training resource
- Time

Live poll during ML Project Webinar from last year (November 2020)
What are the challenges for you to take training in machine learning (select all that apply)?

Among those who use ML now
- **Lack of time**: 18
- **Lack of training resource**: 16
- Lack of support from management: 6
- Lack of access to software/hardware: 6

Among those who want to use ML for near future
- **Lack of time**: 9
- **Lack of support from management**: 7
- Lack of training resource: 4
- Lack of access to software/hardware: 3
What are the challenges for you to take training in machine learning (select all that apply)?

- Lack of training resource: 4
- Lack of access to software/hardware: 3
Thank you for your participation!!