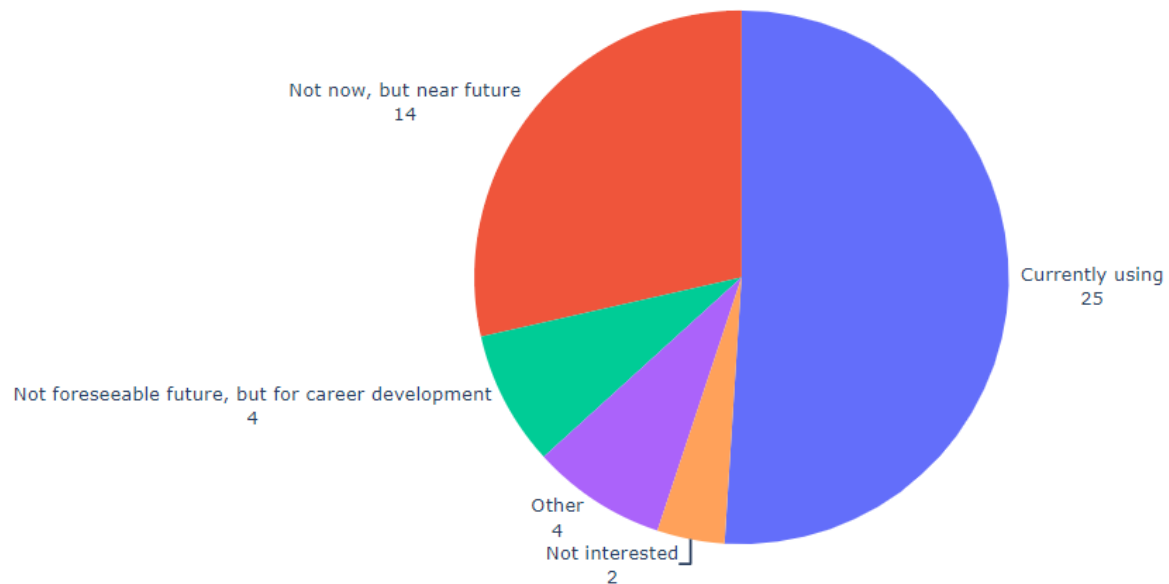# Survey on Machine Learning Training Needs

Conducted August-September, 2021

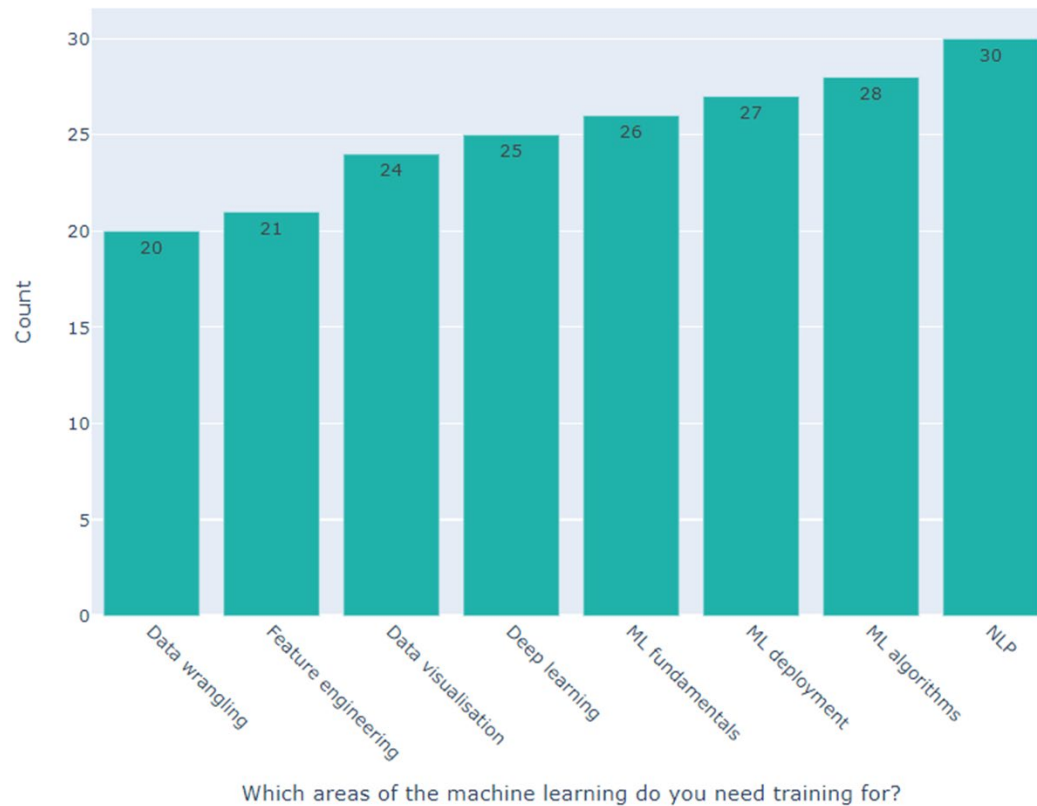@Machine Learning Group 2021 Monthly Meeting (27 October)

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)?
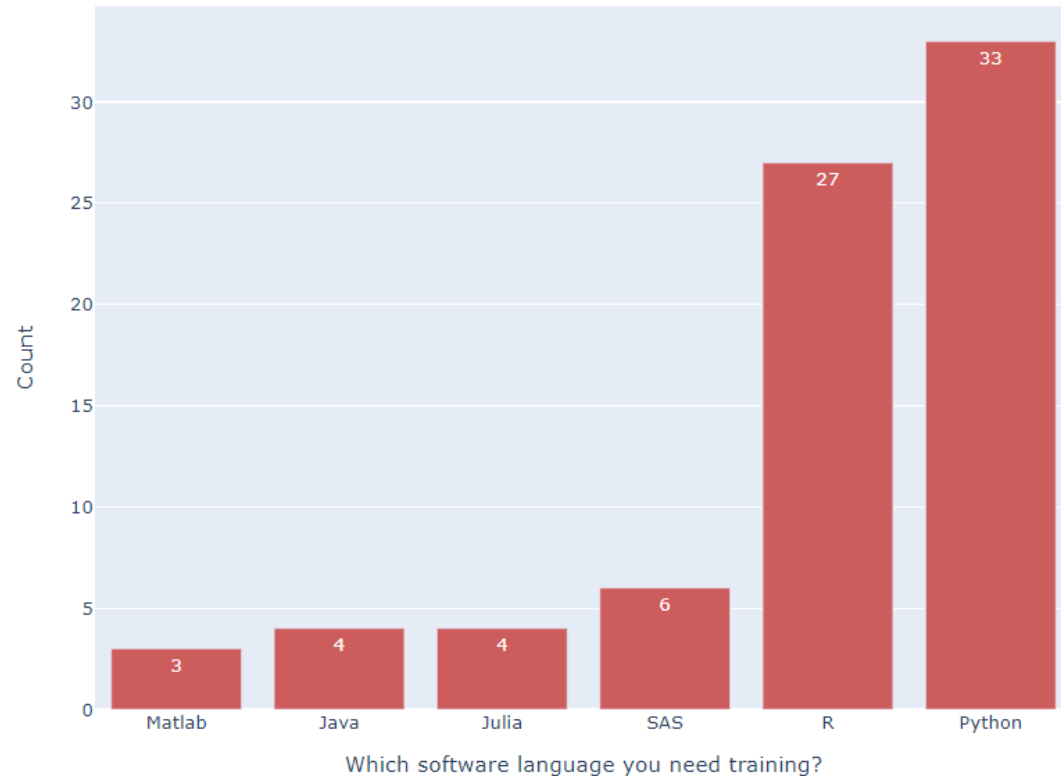

Among those who use ML now
- **NLP: 21**
- **ML deployment: 18**
- **Deep learning: 17**

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)?
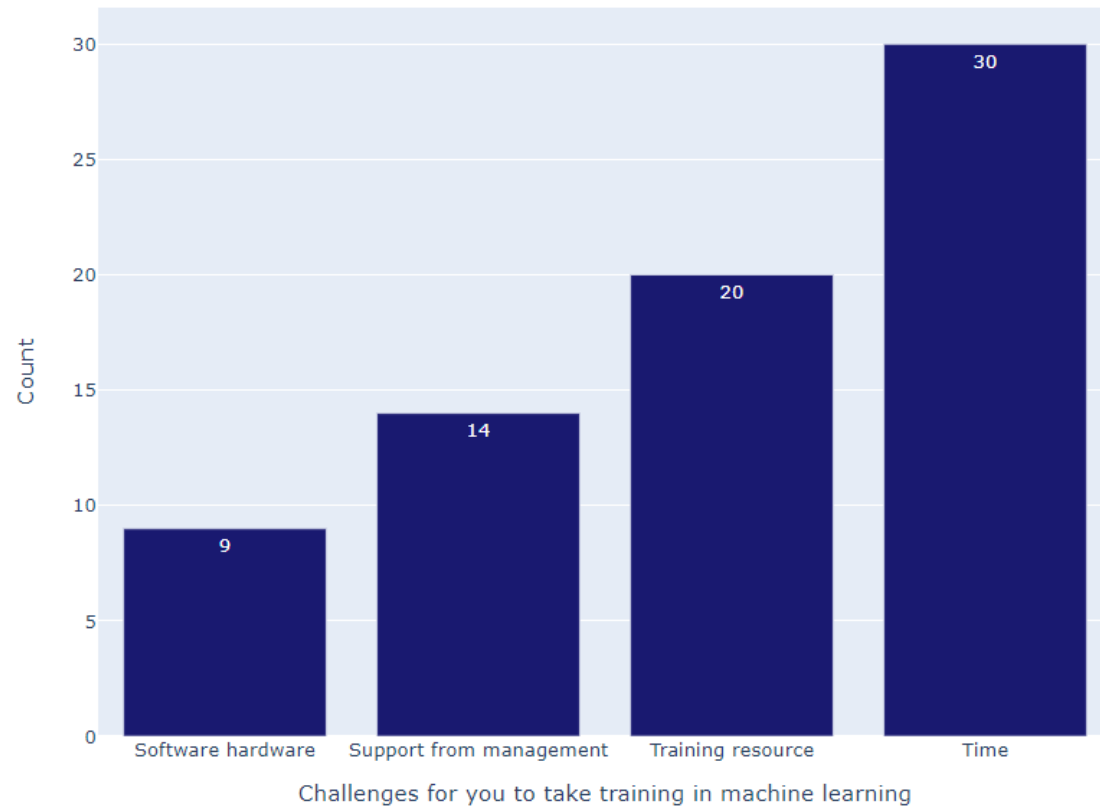

Among those who use ML now
- **Python: 21**
- R: 17
- SAS: 4

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)?

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)?
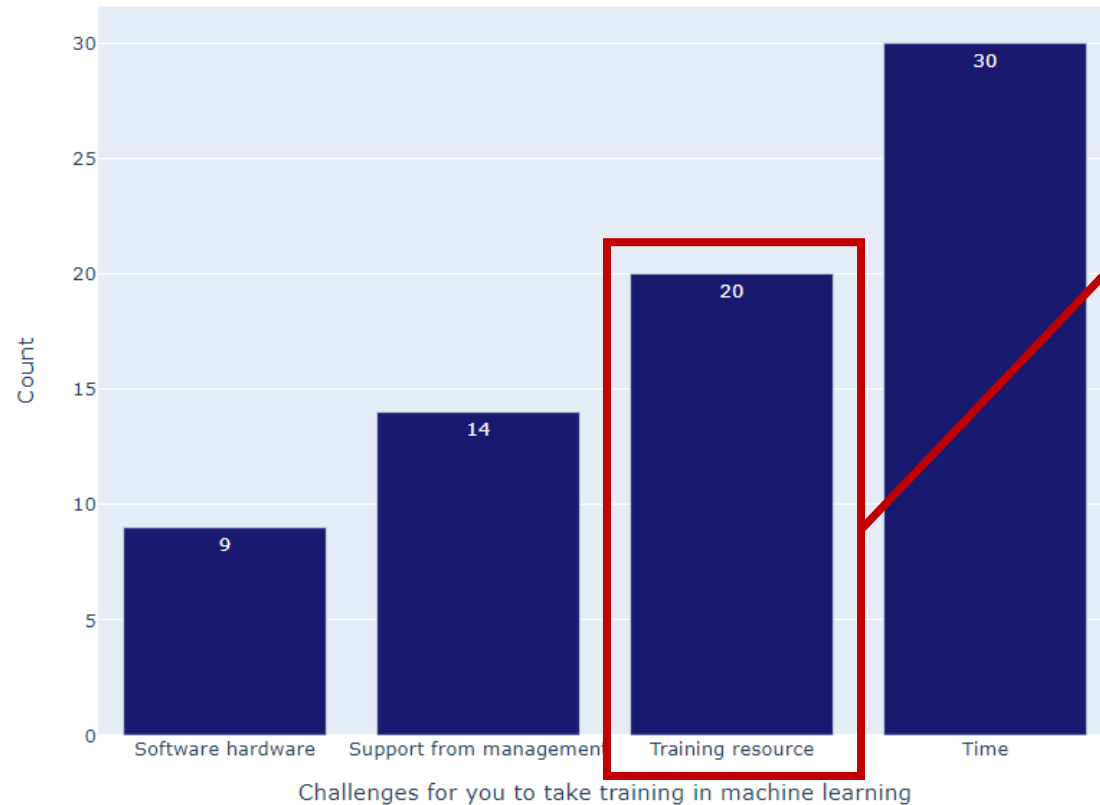

Among those who use ML now
- **Lack of time: 18**
- **Lack of training resource: 16**
- Lack of support from management: 6
- Lack of access to software/hardware: 6

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!!