

Questionnaire on user ...

Statistical Analysis

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- Default report
- Classification statistics
- Cross analysis
- Custom query
- SPSS analysis

Designing the questionnaire

display setting

Send questionnaire

1. Classification of GPU cluster usage

Question 1: What do you use the GPU cluster for in the last 6 months?
[Multiple Choice Questions]

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| Options | Subtotal | Proportion | |
|---|-------------|-------------|--------|
| Participate in AI-related competitions | twenty four | <div></div> | 22.64% |
| Prepare for AI-related meetings | 49 | <div></div> | 46.23% |
| Develop AI-related products | 40 | <div></div> | 37.74% |
| Explore AI-related research fields | 38 | <div></div> | 35.85% |
| Others (please list) [detailed] | 6 | <div></div> | 5.66% |
| Number of valid entries in this question | 106 | | |

[View how to calculate the percentage of multiple choice questions](#)

- sheet
- pie chart
- Doughnut chart
- Histogram
- Bar graph

Question 2:

If you have participated in an AI competition in the last six months, how many related tasks have you submitted on average per day **two weeks before the** end of the competition period ? (Not participating, please choose 0) [Single-choice question]

| Options | Subtotal | Proportion | |
|--|-------------|-------------|--------|
| 1-5 | 11 | <div></div> | 45.83% |
| 6-10 | 9 | <div></div> | 37.5% |
| 11-15 | 0 | | 0% |
| >15 | 4 | <div></div> | 16.67% |
| Number of valid entries in this question | twenty four | | |

- sheet
- pie chart
- Doughnut chart
- Histogram
- Bar graph
- Hide zero data

Question 3:

Have you been the main code hand for AI papers in the last six months? In preparation for submission **two weeks ago** on even date herewith average number of related tasks? (Not served, please choose 0) [Single-choice question]

| Options | Subtotal | Proportion | |
|---------|------------|-------------|--------|
| 1-5 | twenty one | <div></div> | 42.86% |
| 6-10 | 18 | <div></div> | 36.73% |
| 11-15 | 4 | <div></div> | 8.16% |
| >15 | 6 | <div></div> | 12.24% |

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Question 4:

Have you delivered a product in the last six months, and are you mainly responsible for model training? In the two weeks before the product is delivered , how many related tasks are submitted on an average day? (No responsibility, please choose 0) [Single-choice question]

| Options | Subtotal | Proportion |
|--|----------|-------------------|
| 1-5 | 20 | <div></div> 50% |
| 6-10 | 11 | <div></div> 27.5% |
| 11-15 | 3 | <div></div> 7.5% |
| >15 | 6 | <div></div> 15% |
| Number of valid entries in this question | 40 | |

sheet

pie chart

Doughnut chart

Histogram

Bar graph

Second, the usage habits of GPU clusters

Question 5: 您有如下的GPU任务提交习惯吗？ [多选题]

| 选项 | 小计 | 比例 |
|----------------------------------|-----|--------------------|
| 假期前提交GPU任务，假期结束后观察任务结果。(假期包括周六日) | 55 | <div></div> 51.89% |
| 晚上/下班前 提交GPU任务，次日上午/上班观察任务结果 | 88 | <div></div> 83.02% |
| 杀掉自己不重要的任务，为高优先级/紧急的任务空出GPU资源 | 50 | <div></div> 47.17% |
| 经常观察终端/任务日志，判断任务何时结束 | 64 | <div></div> 60.38% |
| 其他（请列举） [详细] | 6 | <div></div> 5.66% |
| 本题有效填写人次 | 106 | |

[查看多选题百分比计算方法](#)

表格

饼状图

圆环图

柱状图

条形图

三、GPU集群使用者对时间的感知能力分析

第6题：

对于提交的长任务(运行时长超过1小时)，你能预测任务在什么时候结束吗？ (预测任务结束时间需要考虑任务等待资源时间和 任务的运行时间，运行时长1小时，等待时长1小时，任务结束时间为2小时) [单选题]

| 选项 | 小计 | 比例 |
|----------|-----|--------------------|
| 一定可以 | 5 | <div></div> 4.72% |
| 75%情况下可以 | 47 | <div></div> 44.34% |
| 50%情况下可以 | 33 | <div></div> 31.13% |
| 25%情况下可以 | 9 | <div></div> 8.49% |
| 基本不可以 | 12 | <div></div> 11.32% |
| 本题有效填写人次 | 106 | |

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一般对于长任务完成时间的预测误差程度有多少？（注意完成时间包含 任务等待资源时间 和 任务的运行时间） [单选题]

Designing the questionnaire

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| 选项 | 小计 | 比例 |
|------------|----|--------|
| 小于10% | 20 | 21.28% |
| 10% - 25% | 36 | 38.3% |
| 25% - 50% | 27 | 28.72% |
| 50% - 100% | 9 | 9.57% |
| > 100% | 2 | 2.13% |
| 本题有效填写人次 | 94 | |

表格

饼状图

圆环图

柱状图

条形图

第8题：
如果集群告诉你提交的紧急任务(比如比赛，论文投稿，产品交付)会在提交之后5个小时大概率会结束，以下那些情况发生你会不满意？(此问题主要收集用户对GPU任务延迟的忍受程度) [多选题]

| 选项 | 小计 | 比例 |
|---|-----|--------|
| 中午12点提交，6点结束，延迟了1个小时，但是5点你还有其他事情（约会/下班） | 39 | 36.79% |
| 晚上7点提交，凌晨0点15结束，延迟了15min，你还要根据实验结果修改代码/准备总结报告等 | 51 | 48.11% |
| 早上8点提交，下午1点15结束，延迟了15分钟，你1点10分有会议需要汇报与实验有关的项目进展 | 49 | 46.23% |
| 早上9点提交，下午4点结束，延迟了2个小时，你只是想等待结果 | 38 | 35.85% |
| 无不满意情况 | 9 | 8.49% |
| 本题有效填写人次 | 106 | |

查看多选题百分比计算方法

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饼状图

圆环图

柱状图

条形图

第9题：
如果集群告诉你提交的紧急任务(比如比赛，论文投稿，产品交付)会在提交之后10个小时会结束，你最大程度能容忍的任务延迟是多久？（10个小时包括 任务运行时间和任务等待资源的时间） [单选题]

| 选项 | 小计 | 比例 |
|-----------|-----|--------|
| 0分钟 | 3 | 2.83% |
| 15分钟 | 13 | 12.26% |
| 30分钟 | 22 | 20.75% |
| 1个小时 | 26 | 24.53% |
| 2个小时 | 23 | 21.7% |
| 5个小时 | 11 | 10.38% |
| 12个小时 | 5 | 4.72% |
| 24个小时以及以上 | 3 | 2.83% |
| 本题有效填写人次 | 106 | |

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第10题： 你会提交一些不紧急的任务吗，类似于学术探索性的任务 [单选题]

| 选项 | 小计 | 比例 |
|----------|-----|--------------------|
| 通常会 | 46 | <div></div> 43.4% |
| 部分情况下会 | 29 | <div></div> 27.36% |
| 偶尔会 | 27 | <div></div> 25.47% |
| 没有 | 4 | <div></div> 3.77% |
| 本题有效填写人次 | 106 | |

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柱状图

条形图

第11题： 你能接受其他人的不重要的任务影响你的紧急任务运行吗？ [单选题]

| 选项 | 小计 | 比例 |
|----------|-----|--------------------|
| 通常能接受 | 16 | <div></div> 15.09% |
| 部分情况下会接受 | 55 | <div></div> 51.89% |
| 不能接受 | 35 | <div></div> 33.02% |
| 本题有效填写人次 | 106 | |

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第12题： 当得知其他人的不重要的任务影响你的紧急任务运行，一般你会怎么做？ [单选题]

| 选项 | 小计 | 比例 |
|------------------------------------|-----|--------------------|
| 请他人终止起不紧急的任务 | 32 | <div></div> 30.19% |
| 他人提供不紧急任务的结束时间，时间合理，可以等他人的不紧急的任务结束 | 62 | <div></div> 58.49% |
| 他人无法提供任务的结束时间，但是自己还是等他人任务结束 | 12 | <div></div> 11.32% |
| 其他 [详细] | 0 | 0% |
| 本题有效填写人次 | 106 | |

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柱状图

条形图

隐藏零数据

第13题：

What other suggestions and opinions do you have regarding the use of existing GPU clusters? (Not required) [fill in the blanks]

check the detail

Opinion

information

analysis


Question 14: What is your professional identity? [Single choice question]


| Options | Subtotal | Proportion |
|--|----------|--------------------|
| student | 54 | <div></div> 50.94% |
| Researchers | 18 | <div></div> 16.98% |
| Software Engineer/Algorithm Engineer | 31 | <div></div> 29.25% |
| Other [detailed] | 3 | <div></div> 2.83% |
| Number of valid entries in this question | 106 | |


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