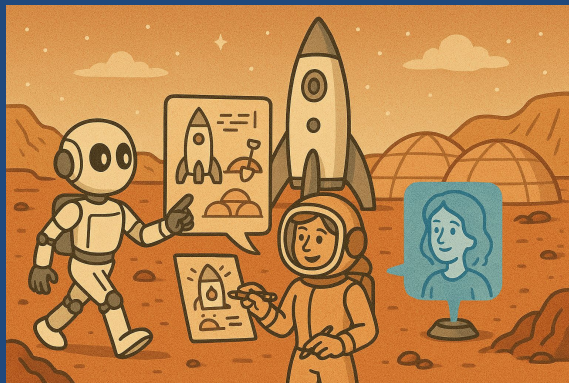
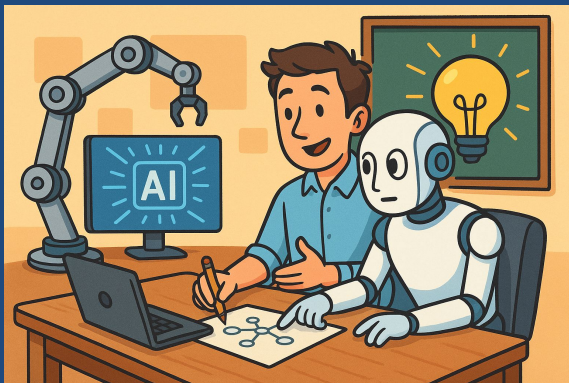


「まだない未来の仕事」を考えよう

私たちは『AIとロボットと協力しながら宇宙開発をする仕事』が必要だと考えました。

We thought that we need “jobs that human cooperates with robots for pioneering space while utilizing AI to make decisions and ideas”.



メンバー紹介~introducing members

たかなみ いずみ
Izumi Takanami



ふじわら はると
Haruto Fujiwara



ちょう とう
Dongyu



ふきわけ ゆうま
Yuma Fukiwake



仕事を考えた理由/reason

私たちがこれをした理由はたくさんあります。

- 人口は増え続けています。
- 農場や都市を建設するために、環境を破壊しなければいけない
- このような状況を望んでいません。

We have many reasons to why we did this.

- The population is ever-growing
- We have to use the environment's space to create farms and cities.
- We do not want that to happen



仕事の説明

ゴール

人口問題の解決のため、人間の住める場所を広げる

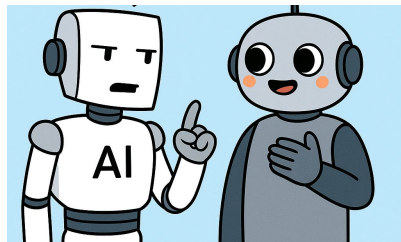
To solve overpopulation, expand a place where humans can live

ステップ/Steps

1. 情報を集める - Gather information
1. 専用のAIを作る - invent AI
1. アイデアをAIと作る - create ideas with AI
1. AIと決断を下す - Make decisions
1. 政府や企業と相談する - talk with organizations
1. ロボットをプログラミング - program robots
1. 宇宙に行く(月や火星) - go to space (moon/mars)

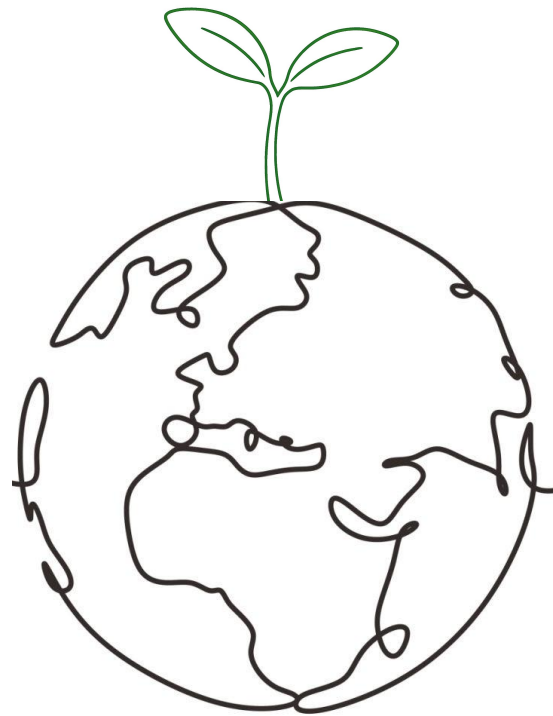
必要な人材 /People needed

- ロボットのプログラマー-robot programmer
- ロボットを作る人-manufacturer of robots
- 政府や企業と話し合いをするチーム (説得力のある人)
- 色々な国の人たち -people from various countries
→ 色々な視点からの意見-a lot of opinions from various perspectives
- 決断をAIと決める人-people who make decision with AI
- 会計士-accountants



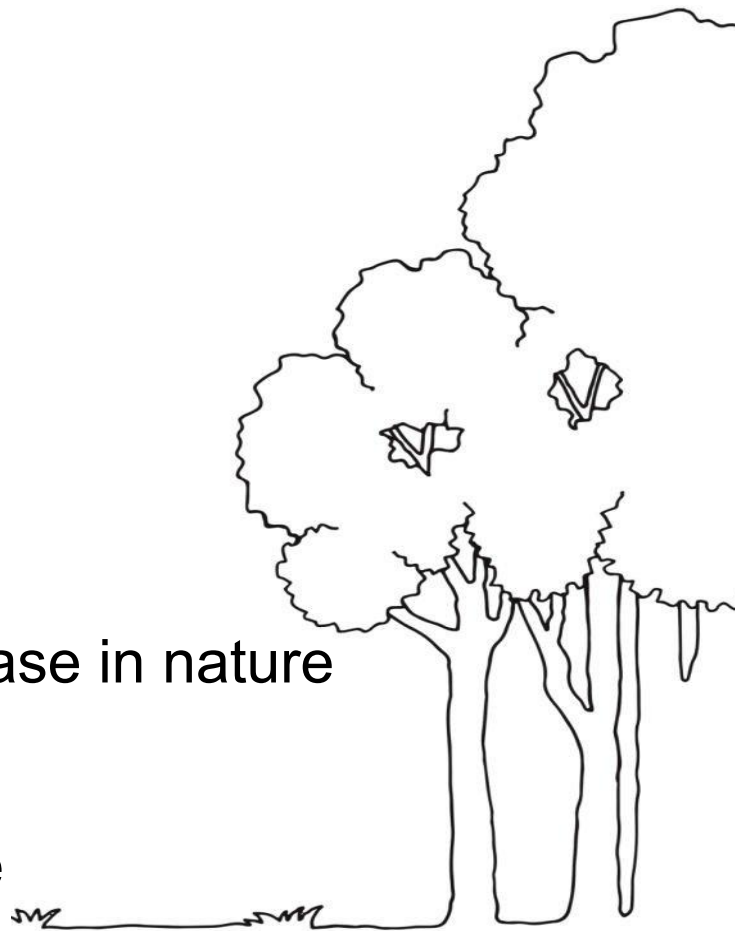
影響 (短期) Short-term impact

- ・危険な作業による事故が減る
 - Reduced accidents in hazardous operations
- ・計算やデータの分析が早くなる
 - Calculations and data analysis are very fast
- ・24時間体制で働くことができる
 - Can work 24 hours a day



影響 (長期) Long-term impact

- 人が住める場所が増える
 - Increase in space
- AI がより身近な存在になる
 - AI will be closer to humans
- 地球に人が減り自然が増える
 - Decrease in people on earth and increase in nature
- 人の対立が減る
 - Decrease in conflicts between people



問題・Problem

この計画に各国の方は耳を傾けてくれるのか？
Will countries accept this plan?

そんなAI作れるのか？そのAIとうまく付き合って行けるのか？
Are we able to make AI? Are we able to have good relationship with AI

↑ 解決策・Solution ↑

- NASAやABBなどの大企業と共に交渉する。

Cooperate with NASA and ABB to convince countries

- ABBの協力があれば作れる。

With the help of ABB, can make AI.

- AIをよく知って、過信せずに付き合っていく。

Have knowledge about AI and don't be overconfident about it

次世代への責任は私たちが担っています。

常に未来のことを考えて行動しましょう！

We are responsible for the next
generation. Always act with the future in
mind!



Thank You!

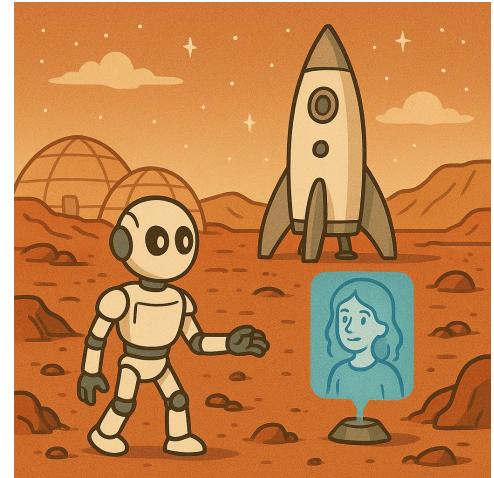
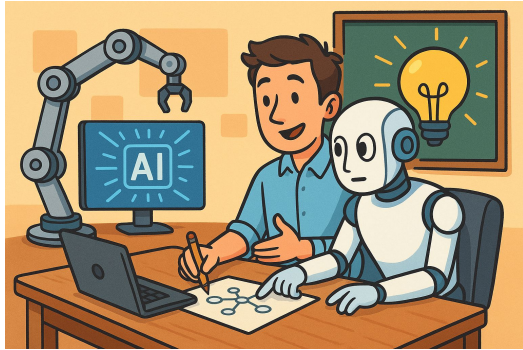
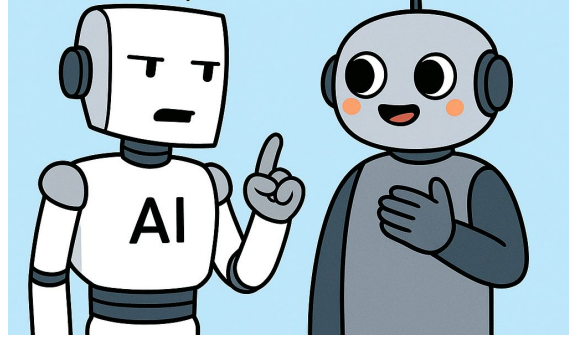
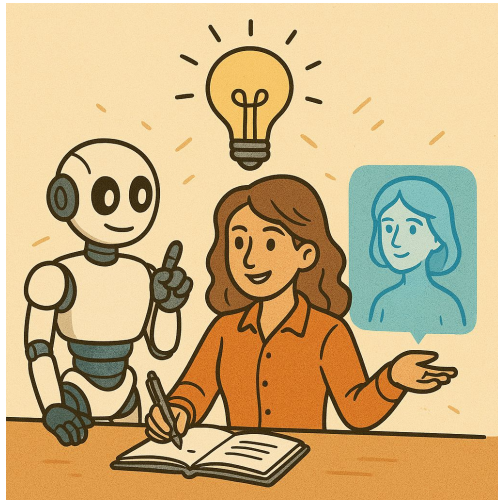
ありがとうございました！

私たちの考える未来・the future society we imagine

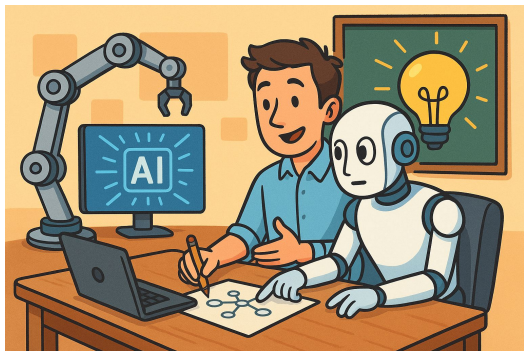
人口増加で住む場所を広げるために環境が破壊されてしまう

With the increase in population, it could lead to the destruction of the environment for their civilization

photos



考える仕事・the job we thought about
Cooperate with robots and AI to provide a home in “space”
ロボットとAIと協力して人間が宇宙に住める環境を作る



プロジェクト:

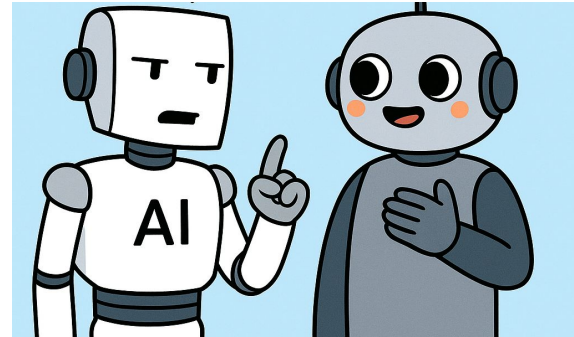
目的・purpose: 月・火星に人間が住める場所を作る

どうして・why: 人口増加問題で地球の環境破壊が進んでしまっているから

Needs lots of people in negotiation → making presentation, presenting, MC → only humans can give emotional impact

Steps:

1. Gather infos (情報集める)
 - a. Data of population →
 - b. Estimate of the end of the project
 - c. Suitable place in moon/mars
 - d. Materials (what is needed)
 - e. Gathering people's ideas (everyone)
2. Make AI (AIを作る)
 - a. Computer? Logical - no emotion? →
 - b. & human type AI - human emotion &
 - i. They discuss by themselves and bring the decided ideas to humans
 - c. Create a "box" and humans can see and change when they need to
3. Ideas with AI & humans AIと人間でアイデアを作る
 1. Programming robots → AI-humans or humans-AI-humans
 1. Go to the space → use rockets -- cooperate with space companies
 - b. Humans: monitoring the robots and changing programming
 - c. Robots: making space and complete tasks that are already programmed
 - ii. Send the materials to mars/moons
 - iii. Make facilities for people
 - iv. Send information to people/AI
 - d. AI: monitor robots what humans might not notice
 - e. People to supply to materials (build to the city) and send them



Problem/challenges:

- Some countries might not accept the project
- 他国が賛成しないかもしれない
- Technological problems (biggest problem) - malfunction
- AIやロボットの問題(ちゃんと動かないかも)
- Not have enough resources (water, air)
- 資源が足りないかもしれない(水や酸素)
- Maybe AI don't have ideas - contradicts
- AIと対立してしまうかも
- Might take longer and not able to solve the problem
- 環境や人口問題が進みすぎて、問題解決までに終わらないかもしれない

Job goals:

- We have to solve population problem so we should expand where we can live (mars, moon?)
- Cooperate with other companies and governments

仕事のゴール

- 人口問題の解決のため人間の住める場所を広げる
- 政府や他の企業と協力する

Why do we need this company?

- To solve population and environmental problems
- Achieve people's needs and wants
- Protect the environment
- There are problems that cannot be solve with only humans, need to utilize everything for the future world

どうして必要か

- 人口の問題解決や環境保護ができる
- 人々のニーズを考える
- 人間だけでは解決できない問題をAIやロボットなどを活用して解決していく

Steps:

1. Gather informations
2. making with AI
3. Imagine/Create ideas with AI
4. Making decisions with AI
5. Talk with governments and companies
6. Program robots
7. Go to the space (mars? moon?)

仕事内容のステップ:

1. 情報を集める
2. 専用のAIを作る
3. アイデアをAIと作る
4. AIと決断を下す
5. 政府や企業と相談する
6. ロボットをプログラミング
7. 宇宙に行く？(月？火星？)

People involved in the job:

- Programmers who make the robots
- Team who will talk to the government and companies (persuasive)
- People from all over the world → to have more ideas and better results
- Robot makers
- Decision makers with AI
- Accountant

仕事に必要な人たち

- ロボットのプログラマー
- 政府や企業と話し合いをするチーム (説得力のある人)
- 色々な国の人たち → 色々な視点からの意見
- ロボットを作る人
- 決断をAIと決める人
- 会計士

などなど

AI:

長所:

- 処理速度が早い
- Can make various ideas — 色々なアイデア
- Run tests, think of what will happen -
- Improve their abilities faster - 進化そくどが早い

短所:

- 柔軟な対応の差がある → AGI はできる？

Robot:

長所:

- どんな場所でも作業できる一頑丈

短所:

人間:

長所:

- 柔軟な対応ができる時もある

短所:

What kind of help we need - company:

1. Space X: they are already planning to go to mars

宇宙の移住に関する技術 - 人間が生きていく
ための植物など？くまむし、ゾウリむし
研究していく？

On earth, main problem - destroying -
deforestation (木)

Yuma:

1. Support NPO/NGO in economical way
2. ハイテクの利用方法の法律を決める
3. 希少な資源をとるロボットを監視する人

Dongyu:

Robots will have a lot of jobs

1. Staffs regulate robots, place they can stay active
2. Empathy: a lawyer -

Build places where people can relax and move away from technologies

Future: no AI or robots → innovators, scientists, teachers, builders → but not new?

More jobs will appear → people who cannot get their jobs, but in the future, we will offer them a place

Robots taking over jobs,

Regulating robots (working together with robots)

- Control the robots and AI give suggestions → faster/better ways of doing jobs (using AI to control robots)
- AI has potential → how to use AI?

Regulating robots (working together with robots)

- Control the robots and AI give suggestions → faster/better ways of doing jobs (using AI to control robots)
- AI has potential → how to use AI?
- Humans → AI and Robots

Robots: should use when humans are at risk,

AI: decision making (判断) and

人間が

What humans should do?

Team: \

Structure ompany:

- Chain

Who works there:

Structure of the company:

Environmental problems - ex.

Pollutions in ocean

Robots: clean up microplastics in the ocean,

Robots: create jobs? Pioneering

Robots: humans program them to do their jobs

Work with AI to have possible solutions

Solution → final decision

Population problem:

- Expand where we can live (mars, moon?)
- Cooperate with other companies and governments
- Need to protect wildlife

Steps:

1. Gather infos
2. Imagine ideas? (brain)
3. 他の企業と国と交渉する
4. Robots (body)

People:

Programmers (robots), persuasive people, 交渉する人 (gather infos), ideas (people, govt, companies) → more people the better? (arguments, more ideas include everyone), factories to