Goals for today

Understand the moment
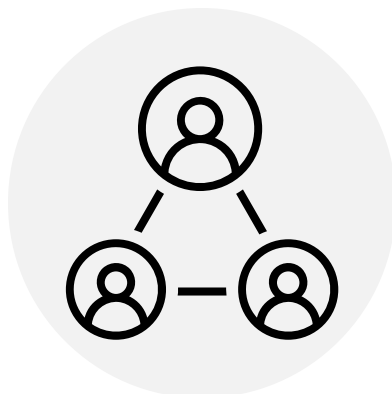
Share what we're all learning and thinking about

Consider where we go from here

Understanding the moment

AI is already part of our lives...

GITHUB COPILOT: CHAT

monalisa

```python
import unittest
import datetime

class TestParseExpenses(unittest.TestCas
    def test_parse_expenses_with_valid_i
        expenses_string = '2023-01-02 -3
        expected_output = [(datetime.dat
        self.assertEqual(parse_expenses(

    def test_parse_expenses_with_empty_i
        expenses_string = ''
        expected_output = []
        self.assertEqual(parse_expenses(

    def test_parse_expenses_with_comment
        expenses_string = '# This is a c
        expected_output = [(datetime.dat
        self.assertEqual(parse_expenses(

if __name__ == '__main__':
    unittest.main()
```
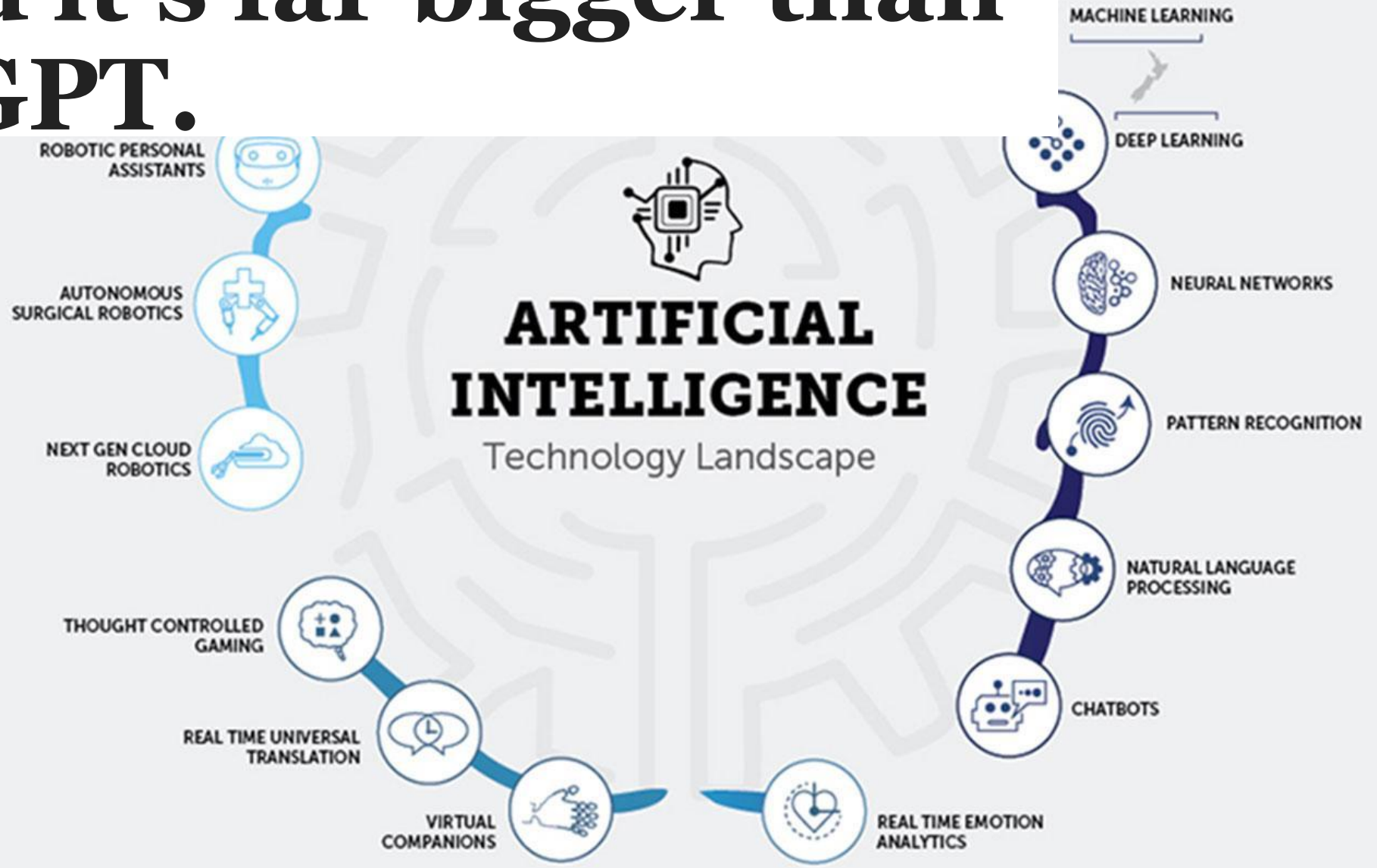
The code assumes that the datetime module is i
cases cover different scenarios such as valid inp
with comments, invalid date format, and invalid v

✦✦ Analyze and debug

Ask a question or type '/' for topics

...and it's far bigger than Chat GPT.

ARTIFICIAL INTELLIGENCE
Technology Landscape

- NEUROMORPHIC COMPUTING
- AUTONOMOUS
- MACHINE LEARNING
- DEEP LEARNING
- NEURAL NETWORKS
- PATTERN RECOGNITION
- NATURAL LANGUAGE PROCESSING
- CHATBOTS
- REAL TIME EMOTION ANALYTICS
- VIRTUAL COMPANIONS
- REAL TIME UNIVERSAL TRANSLATION
- THOUGHT CONTROLLED GAMING
- NEXT GEN CLOUD ROBOTICS
- AUTONOMOUS SURGICAL ROBOTICS
- ROBOTIC PERSONAL ASSISTANTS

Source: Coding Dojo

AI is reshaping education...

1 in 3
postsecondary students reported regular use of generative AI tools

52%
of graduates said the growth of AI makes them question how prepared they are for today's workforce

280
education tools have begun to incorporate generative AI this year

6 in 10
adults believe they'll need to learn new skills as a result of AI

Sources: Reach Capital, EdWeek; WICHE Cooperative for Educational Technologies (WCET), Jobs for the Future

...and the future of work.

6 in 10 workers are likely to have some exposure to AI

75% of companies are set to adopt AI technologies by 2027

57% of executives expect creativity to become much more important

Sources: Pew Research,, World Economic Forum, IBM

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What we're learning: 3 early themes

#1: It's complicated.

A.I. Poses 'Risk of Extinction,' Industry Leaders Warn

Leaders from OpenAI, Google DeepMind, Anthropic and other A.I. labs warn that future systems could be as deadly as pandemics and nuclear weapons.

FEATURED STORY

Why AI Will Save the World

Marc Andreessen

Elon Musk ✔ ✖
@elonmusk

Subscribe   ···

Worth reading Life 3.0 by @Tegmark. AI will be the best or worst thing ever for humanity, so let's get it right.

How Could A.I. Destroy Humanity?

Researchers and industry leaders have warned that A.I. could pose an existential risk to humanity. But they've been light on the details.

Artificial intelligence could be our saviour, according to the CEO of Google

Jan 24, 2018

Sources: New York Times, Anderssen-Horowitz, X (formerly Twitter), Business Insider

#2: AI is more likely to *reshape* most jobs than to *replace* them.

80% of the U.S. workforce could have at least 10% of their work tasks affected by the introduction of LLMs.
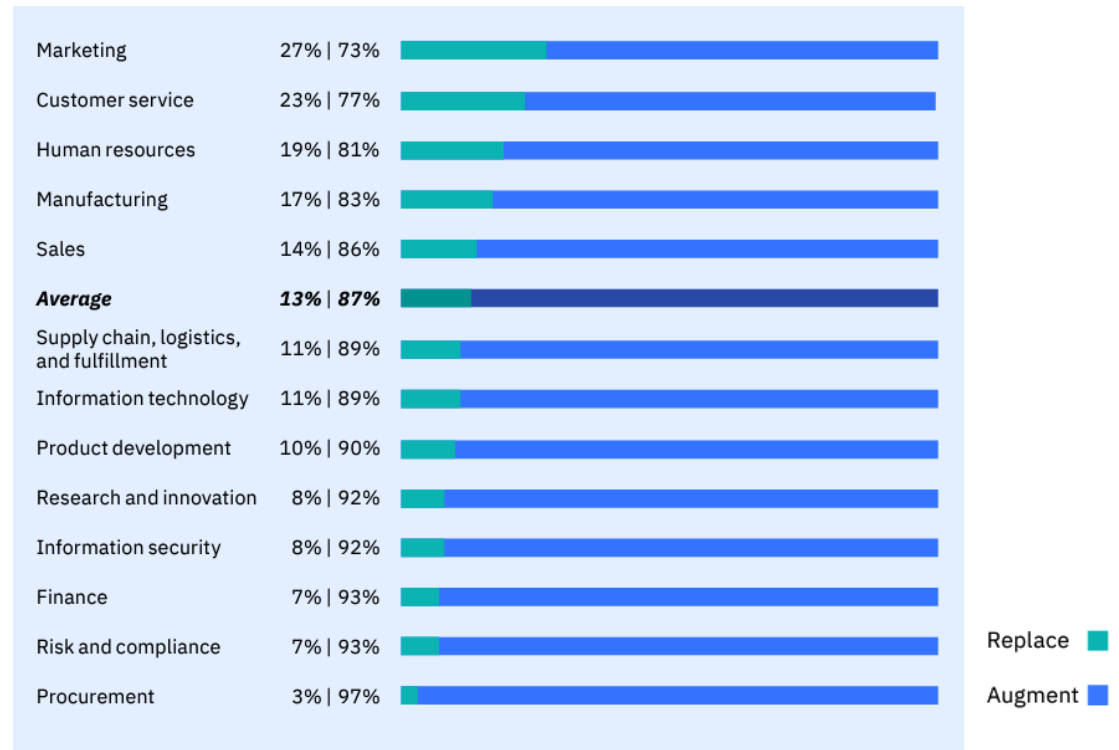
30% of work hours could be automated due to generative AI.

63% of jobs will be complemented by AI-driven technologies (vs 6% substituted).

More execs expect to augment rather than replace employees

	Replace | Augment
Marketing	27% | 73%
Customer service	23% | 77%
Human resources	19% | 81%
Manufacturing	17% | 83%
Sales	14% | 86%
Average	*13% | 87%*
Supply chain, logistics, and fulfillment	11% | 89%
Information technology	11% | 89%
Product development	10% | 90%
Research and innovation	8% | 92%
Information security	8% | 92%
Finance	7% | 93%
Risk and compliance	7% | 93%
Procurement	3% | 97%

Replace ▪
Augment ▪

#3: That means we have big choices to make.

# 3 Big Questions to Ask Ourselves

#1: How are we preparing learners – and ourselves?

- Foundational AI **literacy**
- Continued **upskilling**
- Learner **voice**
- Thoughtful guidelines on **responsible, transparent use**
- Public **policy**

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#2: How are we reshaping our ecosystem?

- Leveraging **earn & learn** / work-based learning opportunities to train for AI-transformed jobs
- Accelerating **skills-first hiring**
- Expanding **talent pipelines** for roles building & shaping AI tools & products
- Building the right **tech infrastructure** & integrating **AI tools**
- Carefully reviewing **datasets** for equity

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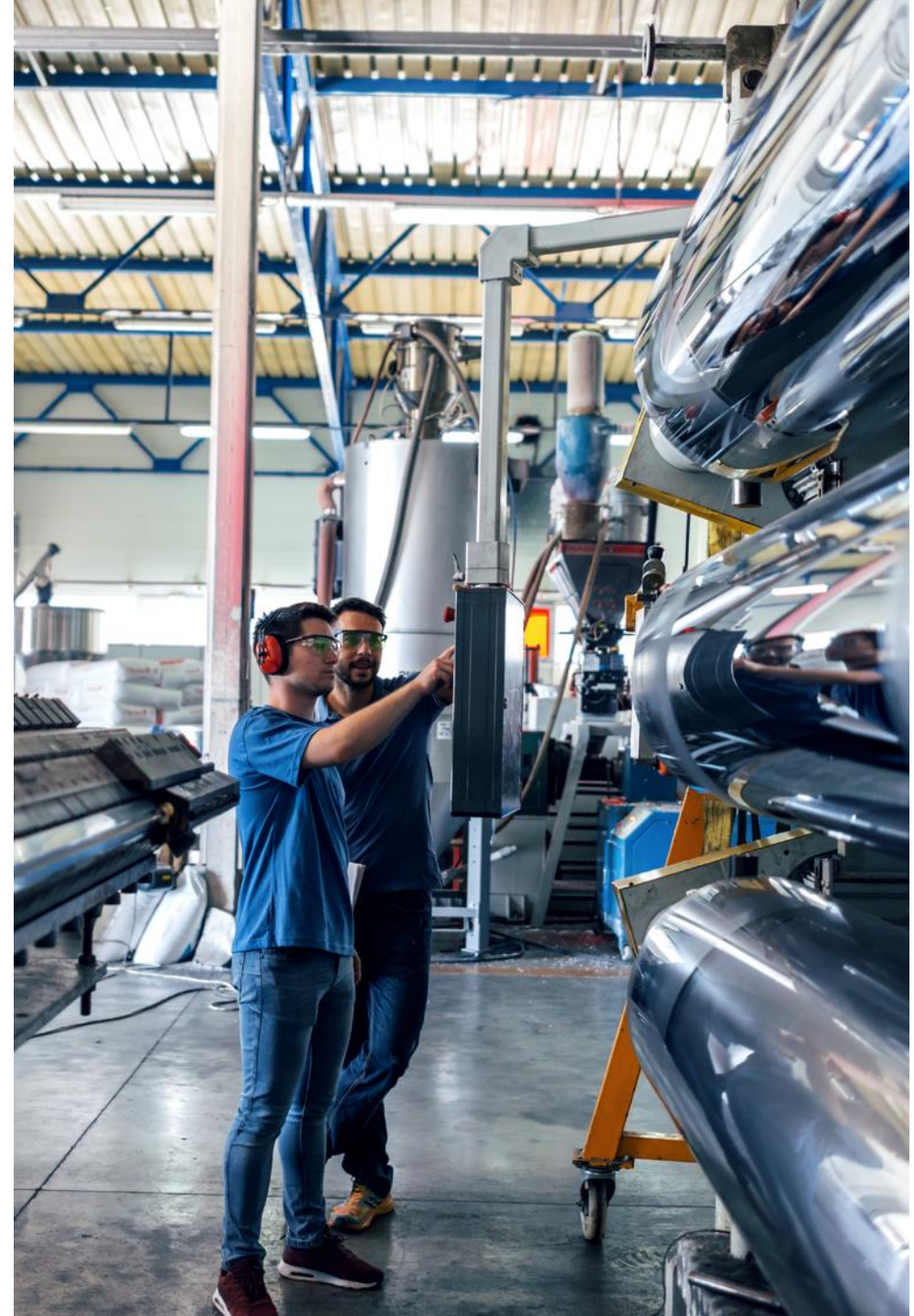
#3: How are we reimagining the future of work?

Discussion

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Group Discussion

Questions to respond to:

- *What are your big questions when it comes to AI and its implications on education and work?*
- *What are you doing or planning to do to respond to the impact of AI?*

DIRECTIONS

1. Talk with your tablemates and discuss the questions above. Make sure to assign one member to share out with the group. (10 min)
2. One group member from each table will share out your thoughts and reflections (2 min each)

Questions?

Join us.

jff.org/ai

Stay in touch.

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