AI Use Cases

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Agenda

- Large Language Models Primer Video

- Automation

- Reconciliation

- Private Data Extraction

- Market Commentary

Primer Video

- 3Blue1Brown **Video on LLMs**

- Medical Diagnosis Study (UVA Health):
  - Doctors without AI: → 74%
  - Doctors with AI assistance: → 76%
  - AI without doctors: → 92%

AI: controlled or off-leash?

- Firms are asking themselves "will I put something into my clients' hands" that came from AI without it being thoroughly checked by a human?
  - No, they will always have a human check the results first and clean up after them.
  - But, they are increasingly comfortable with AI being used as the first resource and to guide research or produce preliminary results

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Automation

- 80/20 rule: AI does 80% of the work with just 20% of the effort

- AI is excellent at repetitive tasks: data collection, data checking, data interpreting, data mapping, reconciliation

- Human can focus on value-added judgement-based tasks

- Where have you seen AI help in automation?

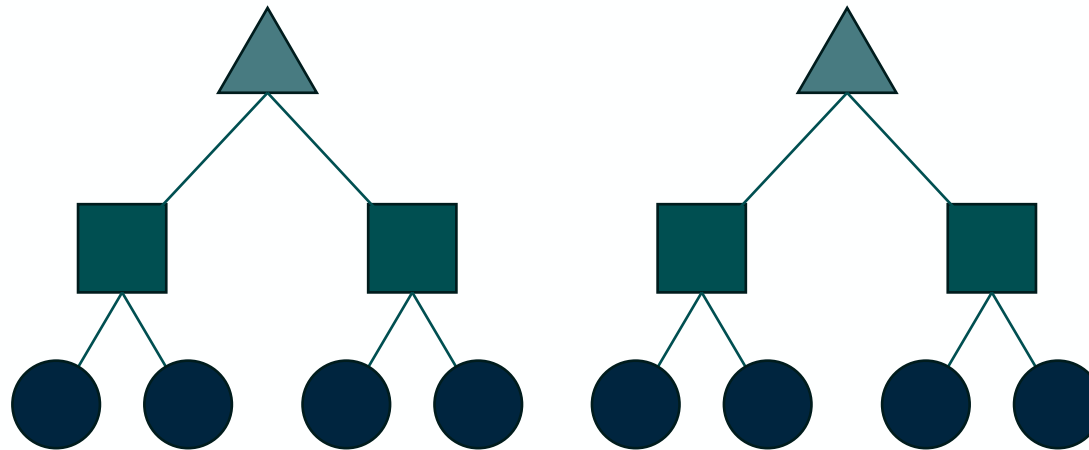# Today AI works on individual tasks, directed by humans

Today

Human directors

Human managers

AI: Individual tasks

2 years? 5 years?

Human directors

AI: autonomous 'agents' orchestrating AI tasks-doers

AI: Individual tasks

Confluence Rex – automated document reconciliation

- In production today, working on v 2.0
- Controls:
  - Validation
  - Consistency
  - Accuracy of reports
  - Alignment with reconciliation

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Private Data Extraction

- Private Asset Data Aggregation – in development / testing

- Approach:
  - Train Rex tool on Private Asset documentation to identify data points of relevance (including use of synonymic data labels) to extract and store.
  - Needs to work at scale (1,000's of pdfs to be processed each month)

- Uses:
  a. Analytical tools
  b. Risk Models

Market Commentary Assistant – under consideration

- Use Case: assist analysts in explaining fund performance (attribution) with relevant & timely market dynamics.

- Fallacy of the prototype:
  - On a small scale, a good analyst can build an AI performance commentary prototype in a few hours
  - But doing this at scale is MUCH harder. With hundreds of funds, you must have automation, controls, and checks.

- Commercialization challenge:
  - Everyone says they wants AI commentary while few are willing to pay for it explicitly.
  - Our approach may be to provide AI commentary as part of platform for a few funds per month ('prototype scale') and to charge for it at volume (over 20 funds?)

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