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# AI and PPM: What Might the Future Hold

Your Guides: Josh Leone and Jerry Dolak

# Introductions

- Meet your guides
- Take 5 Minutes
- Turn to a Person Near You
- Introduce Yourself
- Business Cards



# Agenda

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- What is and isn't AI
- Will AI steal my job? (Hint: no)
- What could I use AI for with PPM?

# What is and isn't AI

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# What is and isn't AI

- IS
  - General AI: Can make all kinds of decisions (like a human, think Skynet!)
  - Narrow AI: Can do one thing really well, even better than a human
  - Learns by special algorithms
  - Alexa, Siri, etc. (to some extent)
- What isn't... but we attribute it to be AI like
  - Predictive Analytics
  - Auto scheduling algorithm
  - ChatBots

# AI is becoming available

- The large tech players have forced AI to the consumer
- Voice communication
  - Being able to understand slang and accents
- Facial recognition/replacement
  - Facebook auto tagging pictures
  - Deepfake
- Maps and Navigation Apps



# Will AI steal my job?

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# Augmented Teams

- Human + Machine is way better than either one alone
- AI is the latest tool we can use to leverage up to greater success
- Our jobs will change though

Think “Iron Man”  
(not Terminator)





# What could I use AI for with PPM?

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# What could I use AI for with PPM?

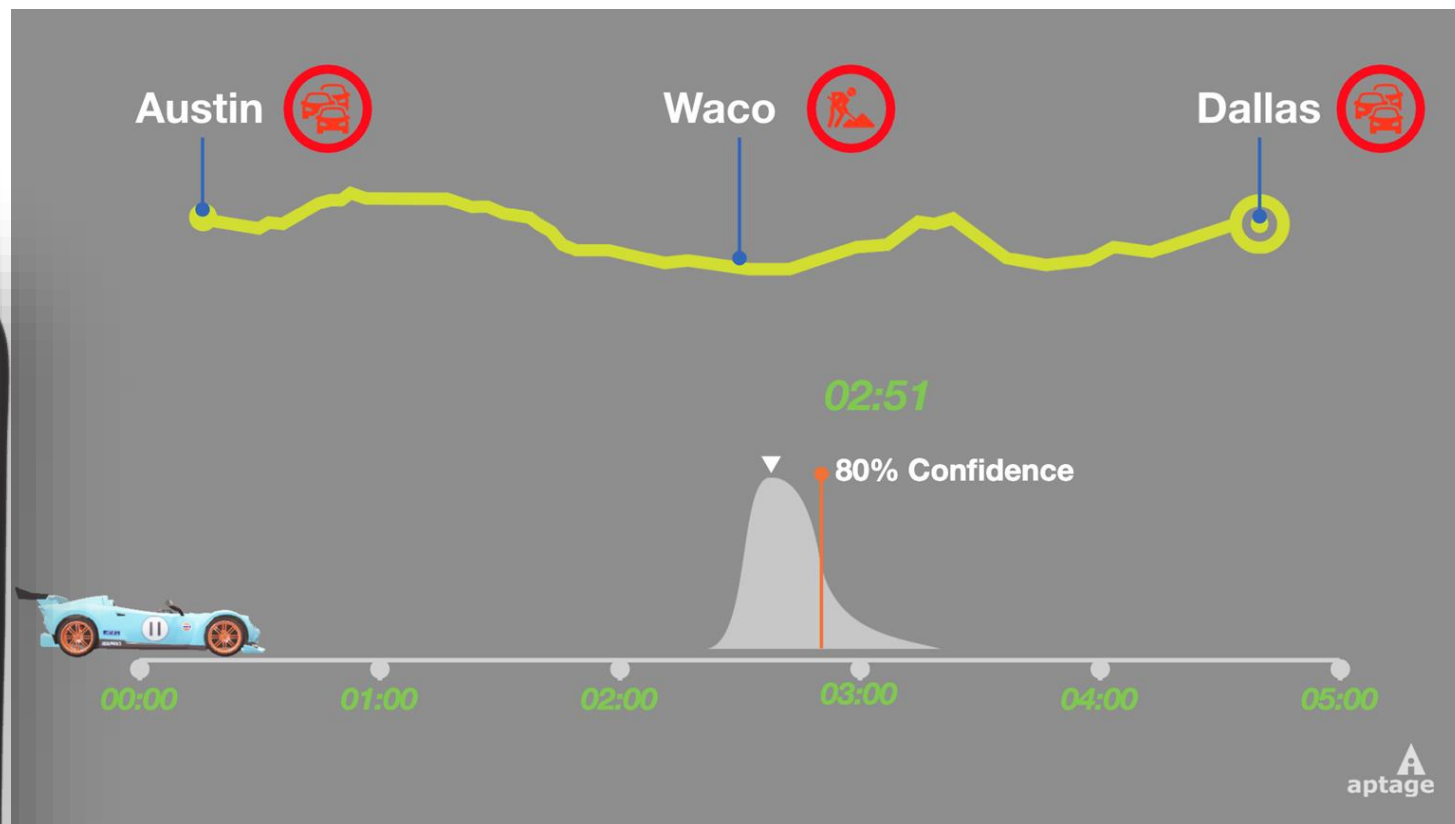
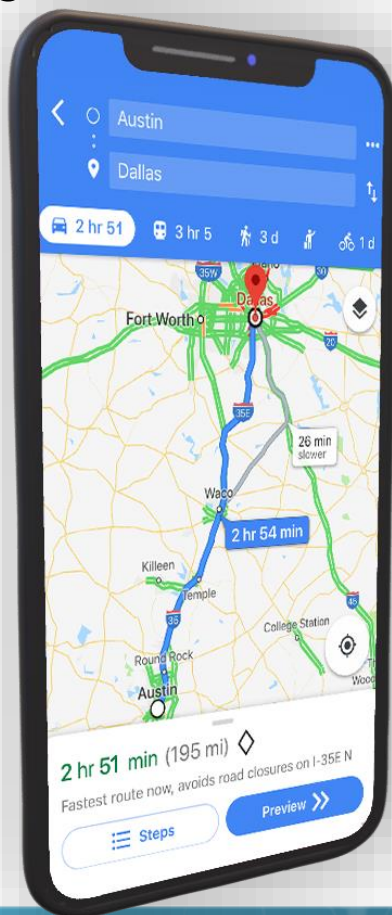
- Reduction in project risk
- Reduction in staffing conflicts
- Don't start projects that will fail
- Avoid 11th Hour Emergencies
- Better forecasting of schedule, cost, and outcomes
- Every PM can have their own assistant watching out for problems and offering advice



(Image courtesy of Aptage)

# How could AI work for PPM?

- GPS apps can forecast when we will arrive
  - Detect slow downs
  - Suggest routes
- 
- PPM AI can too



(Image courtesy of Aptage)

# Seeding AI

- AI needs data to be able make decisions
- Typically, AI needs lots *and lots* of data (for machine learning)
- PPM only sometimes has “big data”
- AI for PPM must combine small data AI with any large data we do have



# Interacting with AI (or AI'ish systems)

- ChatBots
  - As discoveries are made, communicate them to end users via Slack or Microsoft Teams.
  - Act on these discoveries without ever having to login to Clarity
  - More easily keep projects up to date!
  - Rego is investing in ChatBots (not *exactly* AI)
    - Log time
    - Get data on milestones and action items
    - Get status reports
- Interact with Siri/Alexa/Google home
  - “Hey Siri, tell me about my projects that are at risk”
- Send data to an AI service and manually make decide on how to proceed
- Reports and dashboards
- Boring old email

# Demo /ClarityBot

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# Demo

## Aptage AI Service

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# Questions?



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