

Allovus

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Project Management

Our exploration into AI-driven design tools, and ways they can help in our day-to-day

Join us on this journey

First things first: AI is here, and still in its infancy. We invite you to join us on our journey, as our team explores and evaluates new tools and applications in fields we represent at Allovus. This roadmap is a help of things we have learned in our initial review of several project management tools, and how AI helps us automate common tasks we perform for clients in the course of our projects.

Consider this a work in progress... a living document that we'll add to in the months ahead, and share our findings with you as we go.

Can AI replace Project Managers?

Artificial Intelligence (AI) has the potential to revolutionize many industries, including project management. However, it is **unlikely that AI can completely replace project managers in the near future**. While AI can assist project managers in certain tasks such as scheduling, resource allocation, and risk management, project management involves a lot of human interaction, decision making, and problem solving, which are still difficult for AI to replicate. Additionally, project managers also play important roles in communication, motivation, and leadership, which are not easily replicated by AI.

Who and what is this research for?

We looked at how AI can help with organization, planning, communication, and workflow management. We took a holistic overview of how AI is being used in the project management field.

Managers

Project Managers, Program Managers, and Product Managers

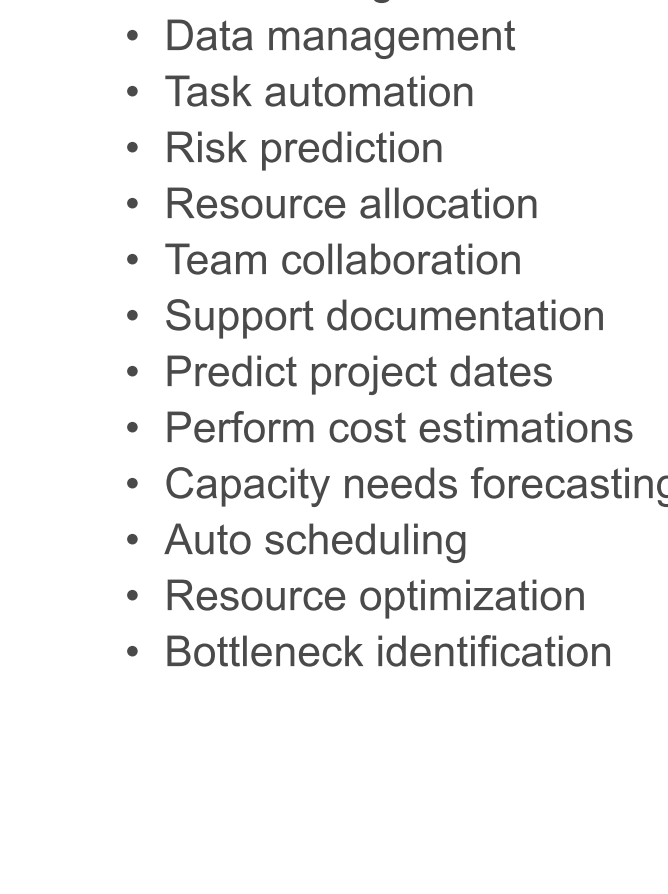
Tools

Product Management tools powered by AI is it's own deep-dive as a fast follow.

How does AI understand data better?

Here are the most important [AI sub-domains](#) that enable it:

- **Machine learning:** This is perhaps the most important AI sub-domain for understanding data. It helps machines learn from past experiences and make informed conclusions.
- **Deep learning:** As an ML subdomain, deep learning furthermore extends machines' capability to make intelligent decisions independently.
- **Neural networks:** It stands for a number of algorithms developed to help understand the data and discover connections between variables.
- **Natural language processing:** It helps machines understand language.
- **Cognitive computing:** It helps machines emulate our thought processes.



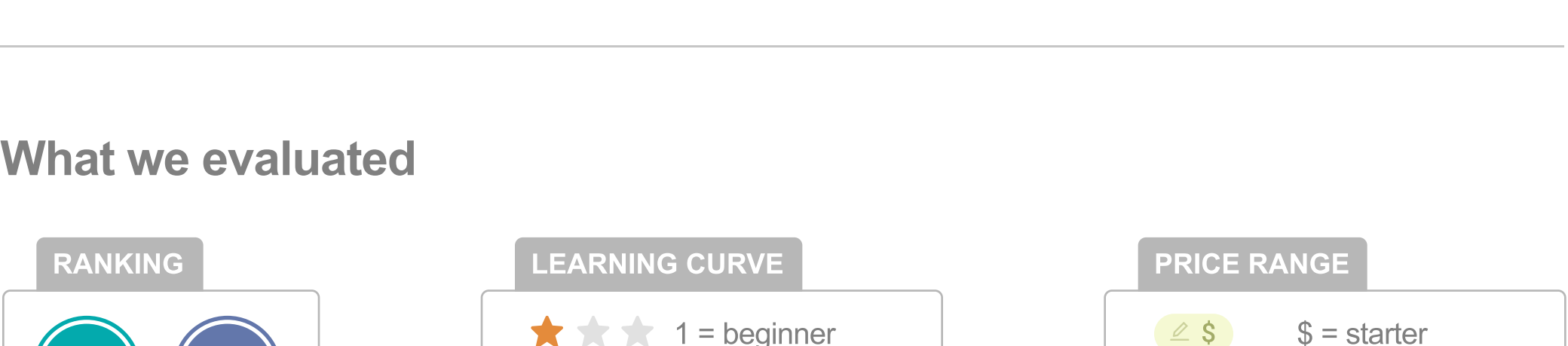
Project management: AI image generated with Adobe Firefly
Prompt: data analysis for project management

How can AI impact Project Management?

- **Chatbot assistants:** Chatbots are a great way to automate project communications and interactions with internal and external stakeholders. According to a Gartner study, over 50% of medium to large enterprises are using some form of chatbots.
 - **Removal or reduction of manual errors:** Large-scale projects are often burdened by manual errors owing to their complexities and the humongous number of tasks. AI can be used to automate many of the manual tasks in project management, such as data entry, thereby reducing or eliminating errors.
 - **Better planning and allocation of resources:** Humans can't be 100% accurate in estimating project costs and timelines. This can affect the planning and budgeting of important projects. AI tools can provide data-backed predictions which are much more accurate than human instincts and can be used for more optimized resource allocation and planning.
 - **Increase in productivity and efficiency:** There are numerous project planning responsibilities, such as scheduling and sending emails which can be automated through AI. This frees up the time of project managers and team members for more innovation.
 - **Scope of better decision-making:** AI technology can process huge volumes of project data and can offer data insights much faster than humans. This can help project managers make better project decisions.
- **Additional tasks:**
 - Scheduling and budgeting
 - Data analysis
 - Administrative tasks
 - Setting KPIs
 - Task management
 - Data management
 - Task automation
 - Risk prediction
 - Resource allocation
 - Team collaboration
 - Support documentation
 - Predict project dates
 - Perform cost estimations
 - Capacity needs forecasting
 - Auto scheduling
 - Resource optimization
 - Bottleneck identification

Apps featured in this review

Professional



Consumer

Key AI features:

- **Writing and editing** support is the most popular form of AI project management assistance right now
- AI can help **cross-tag projects**, retrieve a project status, assess risk and generate plans
- **Automations** help users set up automatic workflows to eliminate redundant work and reduce errors
- **Multiple project views** to choose from and a **library of templates** allows you to not have to build everything from scratch each time
- **Integrations** ensure that your data flows seamlessly from one platform to another

What to look for when choosing AI for Project Management

The availability and cost of AI features vary a lot from platform to platform. Some only offer writing and editing assistance, while others offer project and [task management](#). Some charge an extra fee for AI functionality, while others limit certain features to certain pricing tiers. Other features may be limited to a restricted beta testing group or are otherwise not currently available to the public. Comparing the availability of AI features can help you narrow down your options considerably.

- **Intelligence:** Look for tools that use machine learning and natural language processing to help automate tasks, analyze data, and make smarter decisions.
- **User-friendliness:** A project manager doesn't have time for a tool that's difficult to use. Look for options with intuitive user interfaces that don't require a Ph.D. in computer science to understand.
- **Flexibility:** You need an AI system that can adapt to projects of all shapes and sizes. Look for customization options that integrate with other tools you're already using and use efficient machine learning techniques.
- **Collaboration:** The project management process is a team sport, so you need a tool that fosters collaboration. Look for an AI solution with accessible communication, task delegation, and doc sharing.

What we evaluated

RANKING

Best

Good

LEARNING CURVE

★ ★ ★ 1 = beginner

★ ★ ★ 2 = intermediate

★ ★ ★ 3 = advanced

PRICE RANGE

€ \$ \$ = starter

€ \$ \$ \$ = professional

€ \$ \$ \$ \$ = enterprise

What we found

Jump to [ClickUp](#) ↓ [Monday.com](#) ↓ [Wrike](#) ↓ [Smartsheet](#) ↓ [Asana](#) ↓ [Proofhub](#) ↓ [Trello](#) ↓

Clickup

6M Users

★ ★ ★ € \$ € \$ \$

AI functionality:

- **Access AI** from the toolbar anywhere in your Workspace.
- Over 100 AI tools that use prompts tailored to specific roles.
- **Write with AI** is a tool that allows you to enter custom prompts.
- **Edit** with AI allows you to check grammar, spelling, and tone.
- **Summarize with AI** feature enables you to condense long text into short summaries.
- Create an **AI-generated task or Doc** from the toolbar.
- Use AI to **reply** to your task comments or an email.
- Create **subtasks with AI** feature helps you break down large tasks.
- **Transcribe with AI** feature automatically transcribes voice clips into text.
- **Translate with AI** feature allows you to translate and localize your content into different languages.
- **Brainstorm with AI** feature assists you in generating creative ideas for various scenarios.

ClickUp software has been designed to revolutionize how we collaborate and manage our projects. It's a simple yet powerful platform that makes it easy for teams of all sizes to work together on any task from anywhere. ClickUp is a powerful project management tool that has been designed for the future. With an AI-powered assistant, you will have access to all your team's information in one place. In addition, it has an intuitive interface, artificial intelligence-powered features, and integrations with other leading tools like Slack or Trello. With ClickUp, you'll get the perfect balance between simplicity and power.

Summary

- **Intro to ClickUp Brain** features.
- **ClickUp AI** is powered by GPT-3, a state-of-the-art natural language processing model that can generate coherent and relevant texts based on user inputs.
- ClickUp AI was launched in October 2023, and it is still in beta testing. Users can sign up for early access and provide feedback to help improve the product.
- ClickUp AI is part of ClickUp's vision to create a single app for all work, where users can manage their tasks, docs, chat, goals, and more in one place. ClickUp claims to be the fastest growing productivity app, with over 200,000 teams and 10 million users

"After reviewing all the tools featured in this roadmap, we decided to start using ClickUp for our own Project Management needs and it has been working out great so far. There are so many great AI features and ways to intuitively filter down tasks."
~ Allison Flanigan
Allovus Project Manager

Monday.com

1M Users

★ ★ ★ € \$ € \$ \$ € \$ \$ \$

AI functionality:

- Generate tasks
- Generate content
- Summarize and rephrase
- Use AI to generate a template
- Text editor
- Updates creation and fast replies
- Use AI to write and reply in the updates section of any item
- Craft complex formulas in builder
- Open platform to build any kind of AI app needed from sentiment analysis to CX chatbots

Monday.com work management has lots of AI features in beta for its [enterprise project management software](#). There's no paid add-on for these features, but an Admin will need to enable the beta features so users can access them. Some of the AI features include generating checklists, writing drafts, suggesting email templates, summarizing text and recommending formulas. An AI chatbot is also forthcoming.

Summary

- Say hello to **monday AI** - the new way to **power your work**.
- **Monday.com AI** is powered by **Azure OpenAI**, a state-of-the-art natural language processing model that can generate coherent and relevant texts based on user inputs.
- **Monday.com AI** is available for beta users whose admins have enabled the feature.
- Users can sign up for early access and provide feedback to help improve the product.
- **Monday.com AI** is part of **monday.com's vision to create a single app for all work, where users can manage their tasks, docs, chat, goals, and more in one place.**

"Monday has been a great tool to help us stay on top of all our tasks and finances. It has given us the ability to create custom workflows that are tailored to our specific needs, which has in turn allowed us to be more efficient in managing our daily operations."
~ Real Reddit User

Wrike

4 Different Access Roles

★ ★ ★ € \$ € \$ \$ € \$ \$ \$

AI functionality:

- Generative AI for Content Creation
- Content Editing and Adaptation
- Project Management with Machine Learning
- Voice Commands via Mobile
- Transforming Notes into Action Items
- Digitizing Written Documents
- Intelligent Automation for Workflow Optimization

Wrike is an AI-powered project management tool that allows you to create and assign tasks easily. In addition, Wrike will automatically keep track of the work, calculate task duration estimates, and notify when deadlines are approaching. It is currently available for use on desktop and mobile devices but will be upgraded in 2023 to include AI-powered features such as automated workflows, personalized notifications, and predictive analytics. With AI-powered scheduling and collaboration tools. Wrike's AI features are included throughout the platform (though some features are only available on certain pricing plans). Wrike's AI can help with more standard tasks like generating new ideas and finding spelling mistakes, but it can also help with more unique things like turning written documents into digital files and providing a 360-degree view of project risks.

Summary

- [Meet Wrike's Work Intelligence.](#)

"If you want to do very simple project management, it can work. But it is not going to work for complex projects or anything like portfolio management. It is a tool for when you want more than a Kanban but aren't ready for MS Project."
~ Real Reddit User

Smartsheet

10M Users

★ ★ ★ € \$ € \$ \$ € \$ \$ \$

AI functionality:

- Create charts quickly
- Simplify formula creation
- Conversational AI
- Intelligent Automation
- Predictive Analytics
- Generative AI capabilities

Smartsheet is an enterprise work management platform that helps users plan, do, and scale their work more efficiently and effectively. Smartsheet has recently introduced new AI features that apply generative AI to its platform.

Summary

- **Revolutionize your work and boost productivity with AI-Powered Smartsheet | Smartsheet.**
- Partnership spotlight: [Microsoft Azure AI](#)

"I'm excited about how Smartsheet is leading the charge with AI."
~ Alysa Taylor
CVP, Microsoft Azure & Industry

Asana

1.5M Users

★ ★ ★ € \$ € \$ \$ € \$ \$ \$

AI functionality:

- **Smart Goals** – AI assists in drafting effective goals based on a plain descriptive data.
- **Smart Status** – AI generates comprehensive status updates by pulling data in real-time.
- **Smart Answers** – The feature allows users to ask natural language questions about their projects and receive timely insights.
- **Smart Workflows** – With simple instructions, Asana Intelligence creates and optimizes workflows to match specific goals.
- **Smart Editor** – This feature helps in crafting clearer, more compelling responses.
- **Smart Summaries** – It pulls out key action items and highlights from tasks and conversations.
- **Smart Fields** – This feature supports cross-functional collaboration by auto-generating.

Asana is in the process of adding AI functionality to its project management software. Right now, users get access to writing edits and summary generation, while comprehensive status updates and smart project answers are slated to be implemented by the end of the year. Some other forthcoming features include creating more effective goals and optimizing workflows over time. All of these AI features are included in other pricing plans and don't require a separate fee.

Summary

- [Now available: Asana Intelligence](#)

"Asana is the best app for teams who need to manage nearly any kind of work. Its flexibility and vast capabilities are well worth the effort it takes to get started."
~ PCMag Review

Proofhub

11 Users Needed for Unlimited Use

★ ★ ★ € \$ € \$ \$ € \$ \$ \$

AI functionality:

- Insights
- AI Solution Builder
- Help Assistant
- NLP Search
- Contextual Insights
- Brandfolder Application

ProofHub AI helped businesses and teams work smarter and more effectively without worrying about significant issues, such as team availability or workload distribution. On top of this, the ProofHub AI helps teams save time with data-driven reports on what needs to be done next for maximum productivity. In addition, ProofHub helps organizations save time by automating routine tasks such as reports and approvals to focus on delivering quality work instead of wasting energy on trivial things.

Summary

- [How ProofHub Works](#)
- [Core Features Of Project Management Program: ProofHub](#)

"The software is built upon the idea of centralizing all your project needs for easy accessibility. Teams no longer need a separate app for sharing updates, working collaboratively, or managing assignments – ProofHub lets you do everything in one place. With ProofHub, teams of all sizes enjoy an array of productivity features meant to enhance project performance."
~ Real Reddit User

Trello

90M Users

★ ★ ★ € \$ € \$ \$ € \$ \$ \$

AI functionality:

- Content Generation and Improvement
- Content Brainstorming
- Action Item Identification

Trello is an AI-powered project management tool that allows people to organize their lives, work, and projects. It has been around for a few years now, but it's still one of the most popular tools among users. Trello allows you to create boards where you list tasks and then assign them to people in the organization. It is a powerful software product that will enable teams to collaborate and manage projects from start to finish. It also helps them with time tracking, task delegating and reporting on progress. The best feature of Trello is the AI-based text suggestions when you want to initiate a conversation with another project member.

Summary

- [Accelerate your teams' work with Atlassian Intelligence \(AI\) features now in beta!](#)

"I'm obsessed with Trello and use it for so many things - from planning my tasks at work, to planning my tasks outside of work, to organizing trips and home projects and meal planning... literally use it for all sorts of things. And one of the things I love is that at a basic level, it's so straightforward - like you said a basic kanban board with lists you can drag around."
~ Real Reddit User

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We value your feedback.

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