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PM Processes

Agenda

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Ideation

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Ideation

AI for market research and feasibility analysis

- Tools: **ChatGPT, Google Bard, Crayon**
- How it helps: AI can analyze trends, conduct competitor research, and provide feasibility reports based on historical and real-time data.

AI-assisted stakeholder identification and analysis

- Tools: **NodeXL, IBM Watson AI**
- How it helps: AI can analyze social networks, industry databases, and past projects to identify key stakeholders and assess their potential impact.

AI-powered project charter drafting

- Tools: **Notion AI, Jasper AI**
- How it helps: AI can generate project charters by summarizing objectives, constraints, and key deliverables based on input data.

Planning 

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Planning

AI-driven task scheduling and resource allocation

- Tools: **Microsoft Project AI, ClickUp AI, Asana AI**
- How it helps: AI predicts task dependencies, optimizes schedules, and assigns resources based on skills and availability.

AI for risk identification and mitigation planning

- Tools: **RiskWatch, IBM Watson Risk Advisor**
- How it helps: AI identifies risks by analyzing past projects, regulatory compliance issues, and external factors like economic trends.

Automated budgeting and cost estimation using AI

- Tools: **Procore AI, Oracle Primavera AI, Cleo AI**
- How it helps: AI predicts cost overruns, suggests budget adjustments, and automates financial tracking.

Executing

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Planning

AI-enhanced communication and collaboration

- Tools: **Microsoft Teams AI, Slack GPT, Zoom AI Companion**
- How it helps: AI generates meeting summaries, translates conversations, and assists in automated task updates.

Intelligent workflow automation

- Tools: **Zapier AI, UiPath, Monday.com AI**
- How it helps: AI automates repetitive tasks, approvals, and integrates workflows across multiple tools.

AI-driven quality control and predictive maintenance

- Tools: **IBM Maximo AI, Senseye, Qualityze**
- How it helps: AI detects defects in products, predicts equipment failures, and ensures compliance with industry standards.

Monitoring

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Monitoring

AI for real-time project tracking and reporting

- Tools: **Tableau AI, Power BI with AI, ClickUp AI**
- How it helps: AI generates dashboards, real-time analytics, and project health insights.

AI-powered predictive analytics for risk assessment

- Tools: **RiskLens, DataRobot AI**
- How it helps: AI identifies trends that could impact the project timeline or budget, allowing proactive decision-making.

AI in change management and forecasting project outcomes

- Tools: **Prosci AI, Forecast AI, Jira AI**
- How it helps: AI predicts project bottlenecks, suggests change management strategies, and forecasts project success rates.

Closing

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Closing

AI-assisted project review and lessons learned documentation

- Tools: **ChatGPT, Notion AI, Trello AI**
- How it helps: AI compiles insights from project data, generating structured lessons learned reports.

AI-powered sentiment analysis on team and stakeholder feedback

- Tools: **MonkeyLearn, Qualtrics AI, Lexalytics**
- How it helps: AI analyzes feedback from surveys, emails, and reports to assess team morale and stakeholder satisfaction.

AI for knowledge management and process improvement

- Tools: **Guru AI, Confluence AI, Coveo**
- How it helps: AI organizes project documentation, identifies best practices, and suggests process improvements.

But… Why?

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But… Why?

Is AI the right tool?

What problem am I trying to solve?

- Is AI necessary to improve efficiency, accuracy, or scalability in this phase?

Do I have the right data for AI to be effective?

- Are there enough historical project data, stakeholder insights, or process metrics to make AI recommendations meaningful?

Will AI enhance decision-making, or does this require human judgment?

- Would AI provide actionable insights, or is this phase too complex for automation?

How will AI integrate with existing project management tools?

- Does the AI tool work well with our current PM software, or will it require additional setup?

What are the potential risks or biases in using AI for this phase?

- Are there ethical concerns, data privacy issues, or AI biases that could impact the project?

But… Why?

Is AI the right tool?

Will AI improve collaboration and communication?

- Can AI help streamline workflows, reduce meetings, or improve real-time updates for the team?

Is AI cost-effective for this project phase?

- Does the expected ROI justify the cost and learning curve of implementing AI?

How will AI be monitored and adjusted during the project?

- What mechanisms are in place to ensure AI outputs remain accurate and aligned with project goals?

What skills does my team need to effectively use AI?

- Does my team have the knowledge to leverage AI tools, or is training required?

What is the fallback plan if AI does not provide the expected results?

- If AI underperforms, is there a manual or alternative method to ensure project continuity?

Thank You!

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