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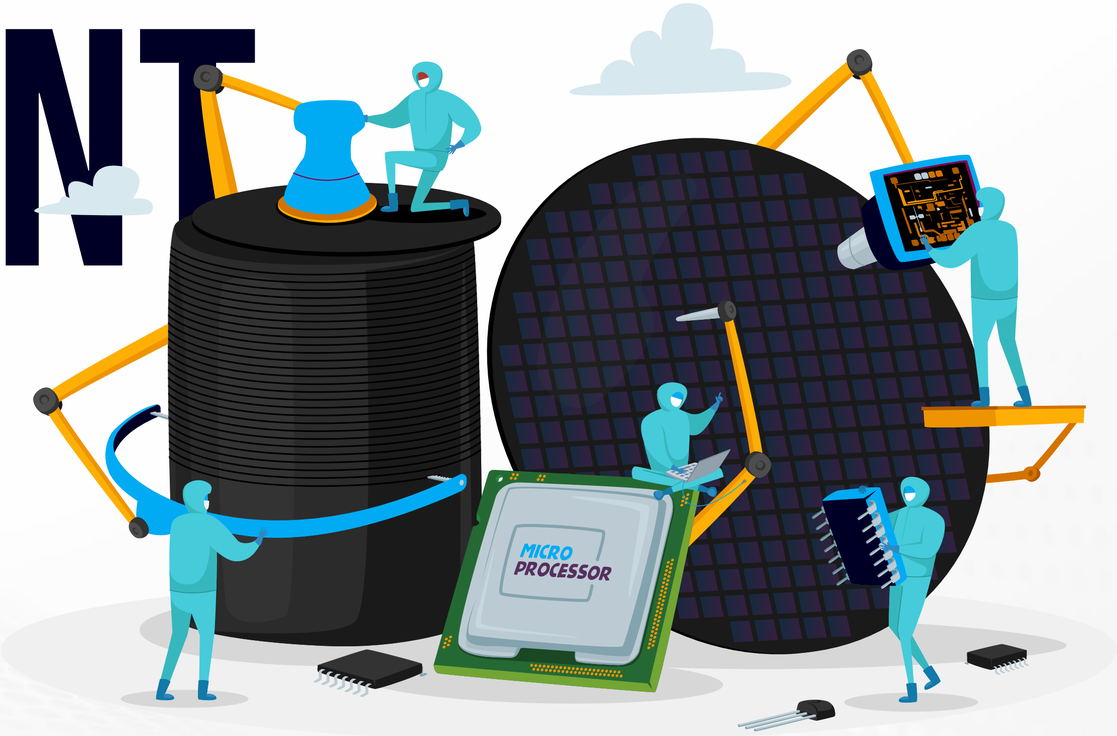
USING AI FOR EFFICIENT SKILL MANAGEMENT

#FindabilitySolves



THE PROBLEM

As more & more products embrace the 'connected technology' ecosystem, the demand for semiconductors starts to shoot up. With one eye on current demand trends and the other on building the R&D foundations for the future, Project Management becomes a key aspect to meeting these challenges in the most efficient way possible.

Synaptics, a leading supplier of mixed signal semiconductors, was faced with a similar predicament when they reached out to Findability Solutions to help them unify their resources to bridge the gaps between their departments.

And we did it by harnessing the power of DATA!

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THE SOLUTION

Using findability.ai as the core technology, Findability Sciences designed an integrated resource planning and forecasting application which was capable of the following:

- Presenting the resource requirement and schedule based on history (without machine learning application/forecast)
- Leveraging Machine Learning to forecast the resource requirement and the schedule (with historical project completion times)
- Combining user inputs and Machine Learning to enable scenario planning

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THE SUCCESS

The chief evaluation criteria for the project were

- **Prediction accuracy for project completion times:** Predictions provided by AI and AI+ user input were found to be **45%** more accurate than the projections based on historical completion times alone.

- **Effectiveness of the custom application:** The client's project management team successfully utilized the reports from custom application in the resource planning process. Performance of the custom application has been constantly monitored and functionalities have been fine-tuned based on the qualitative feedback received from the client's team.

LOOKING TO SUPERCHARGE YOUR MANUFACTURING ENTERPRISE?

Visit: https://findability.ai/

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