

Al in Energy

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AI - The Cerebral Disruption

Predictive Al

LOGIC PROBABILITIES PATTERNS

PREDICTIONS

Algorithms that can study Patterns, categories, assign probabilities and support decision making Generative Al

GENERATIVITY

Algorithms that can create content like text and images of human like quality in response to prompts or requests for synthesis



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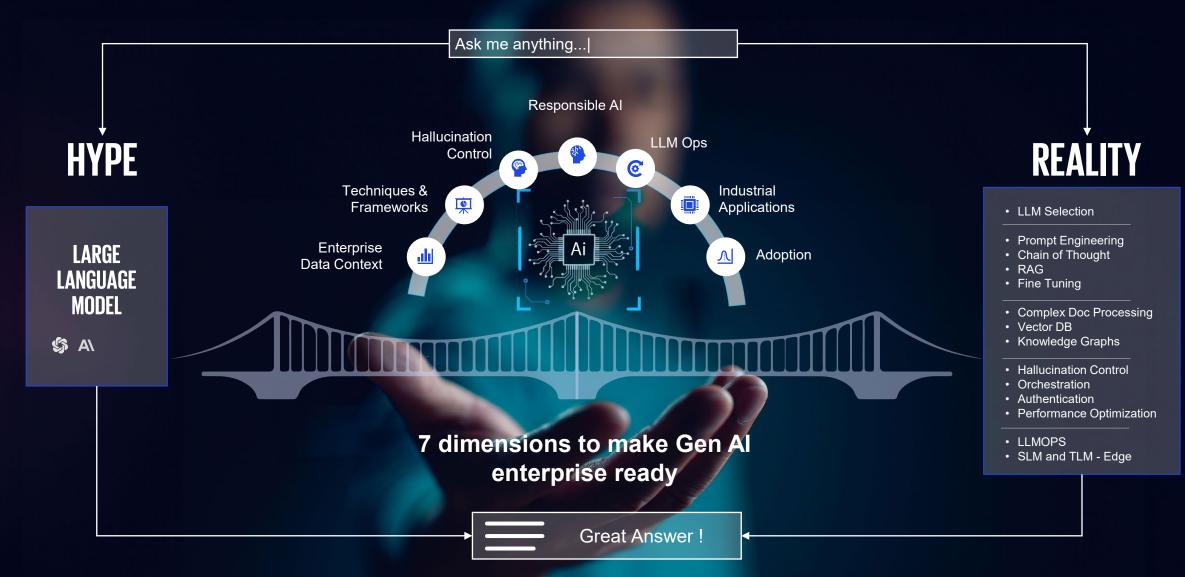
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Hacking knowledge of the world and yours through conversations

What does it take to get an Enterprise GEN AI ready - Hype vs Reality



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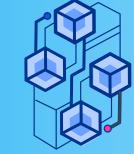
Understanding the Animal/Solutioning

Four stages of AI/Gen AI solutioning



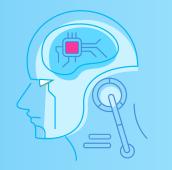
Ideation

Initial data collation and interpretation



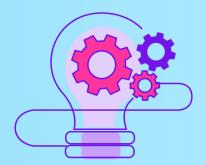
Scenario Building

Quantify effects of tweaked parameters in a scenario



Recommendation

Generate scenario specific business strategies



Supervised Execution

Choose the 'best' strategies from recommendations and action them. Integrate in workflows

A large scale hard to solve business problem is a great place to assess the applicability of AI/Gen AI



"We spend 90 percent of the time for basic documentation of a tender response. There is so little time for serious management decision making"

Bidding and Regulatory Assistant as an example

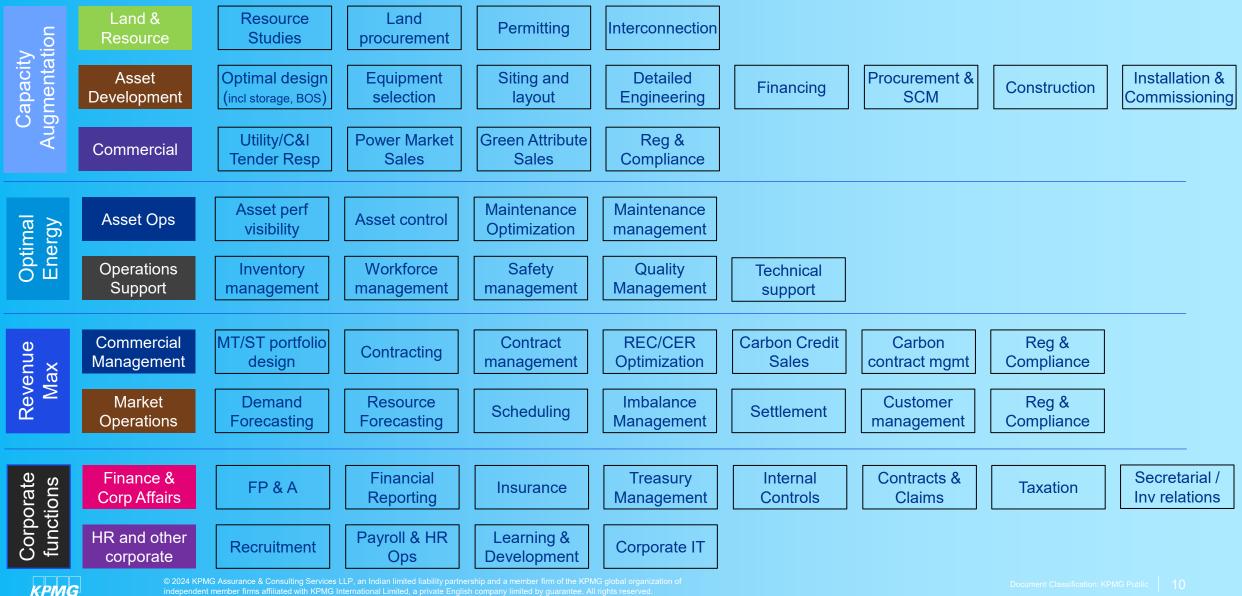
How is it done currently?	How can Gen Al help?				
Bidding Process	Capability			Value	
Tender Search	Automated Tender and Regulations	Index and Summary of Tender Generates index and fetches key details of tender	Eligibility Evaluation Extraction of eligibility criteria and evaluation of eligibility based on client inputs		
Tender document collection	Search Automated search for open tenders and new regulations, automated			Improve Productivity	
Pre – Bid Query consolidation by Business Development Team	consolidation of amendments				
echnical analysis by Engineering Team		Analysis of Regulations in relation to tenders Q&A format of extracting key information from regulations in context with tender	Bid Drafting Assistance with general, commercial and technical bid drafting , quality assurance of bid, win rate/competitor analysis		
Financial analysis by Commercial Team	Tender and Regulations Navigation			Increase Speed	
Regulatory analysis by Legal Team	Q&A format for section- wise navigation of tenders and regulations				
Final Tender Response collated by Business Development Team	separately			Enhance Insights	

Organising for outcomes

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(and avoiding toys)

Functional View of organization and applicability of AI and Gen AI



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7 essentials principles for driving (affordable) outcomes

Efficient data management and governance to reduce compute time/costs and enhance accuracy

Principles of Trusted and Responsible AI to ensure that the solutions are responsive to security, IP, provenance and other considerations

Rich and capable

interfaces to ensure user adoption and become vehicles of transformation, where applicable. This will also potentially enhance security by containing attack/risk surfaces

Extendibility to adjacencies to

harness common platforms for adjacent use cases instead of having disparate or bespoke platforms for each use case.

Use of perconfigured

copilots to make usage easy and effective and reduce build or configuration time

> **Amenability for** delivery as Managed **Services** for scale, efficiency and continuous innovation

large data volumes to ensure efficacy and, in the case of optimization solutions, ability to converge the solutions.

Ability to handle

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Use case selection

	Current process	Status quo, cost contribution, pain points, tech usage		Priority areas for use case development
aluate sub- steps on cross 6 key siderations	Data environment	Intensity, availability, reliability		
	Amenability to Gen Al	Current use, amenability, data sources (training and operation)		
	Governance	Synthetic data, transparency and trust, security and privacy		
	Cost Capital and operating cost implication			
	Business	Value to client, extendibility to other use cases		

Prioritise use cases that are scalable, replicable and extendable to adjacent application areas



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