PROFILE

23 years in IT Leadership and Executive Roles

Ragav Gopalan is a seasoned executive with extensive experience in global technology management in the Media and Entertainment, Consumer Product, Retail, Real Estate, & BPO companies ranging in size from early-stage to Fortune 100.

He is a passionate technology leader with an extensive record of success in technology and operations management, architecture, product development and user experience design.

He is highly successful in creating vision, identifying opportunities, and effectively implementing innovative solutions in the areas of Data Analytics, Data Engineering, Data Governance, Master Data Management, Data Quality and Reporting solutions for large scale organizations such as Apple, 20th Century Fox, Walt Disney Studios, ACCO Engineering, Petco and Westfield.

AGENDA

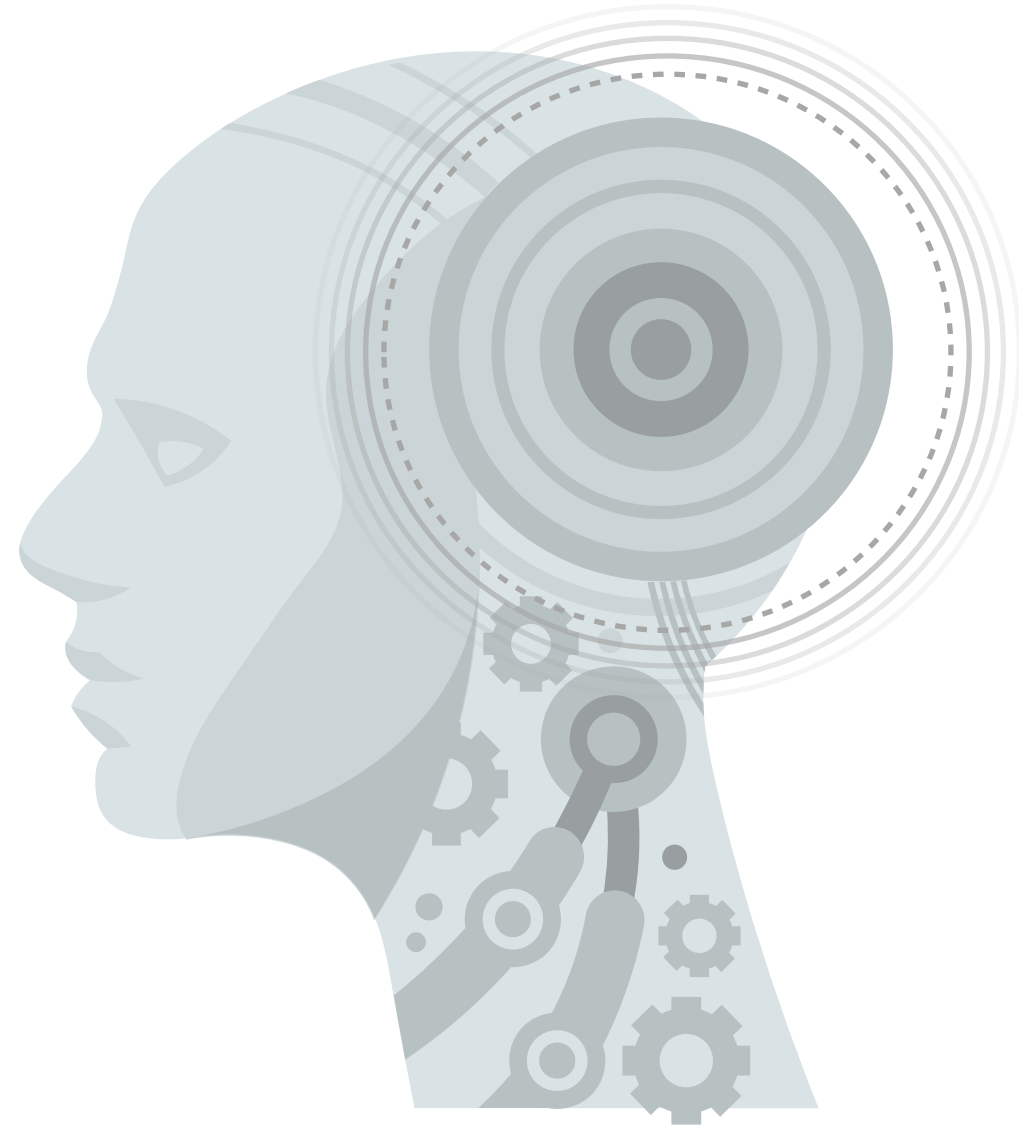**01**   **DATA MANAGEMENT, DATA GOVERNANCE & AI GOVERNANCE**

02   **WHY AI GOVERNANCE IS IMPORTANT?**

03   **HOW AI CAN HELP GOVERNANCE?**

04   **HOW TO START AI GOVERNANCE?**

DATA MANAGEMENT Vs. DATA GOVERNANCE Vs. AI GOVERNANCE

● **Data Management:**
Focuses on effective ways of collecting, organizing, securing, and accessing critical organization's data including Master data, transactions data, analytics data, etc.,
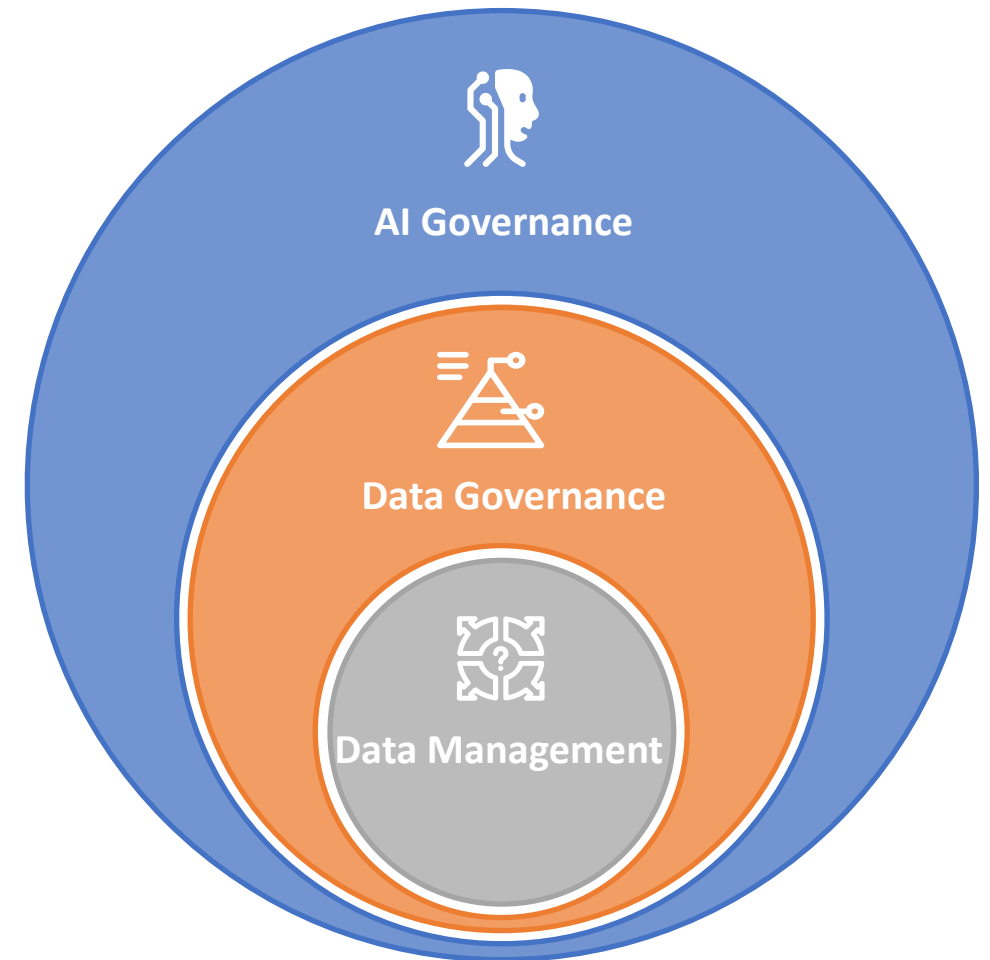
● **Data Governance:**
A framework of decision rights, accountabilities, standards, and processes aimed at improving the quality, availability, usability and security of organization's data

● **AI Governance:**
A framework to ensure AI solutions are developed and used in a responsible, fair, ethical, transparent, and safe manner
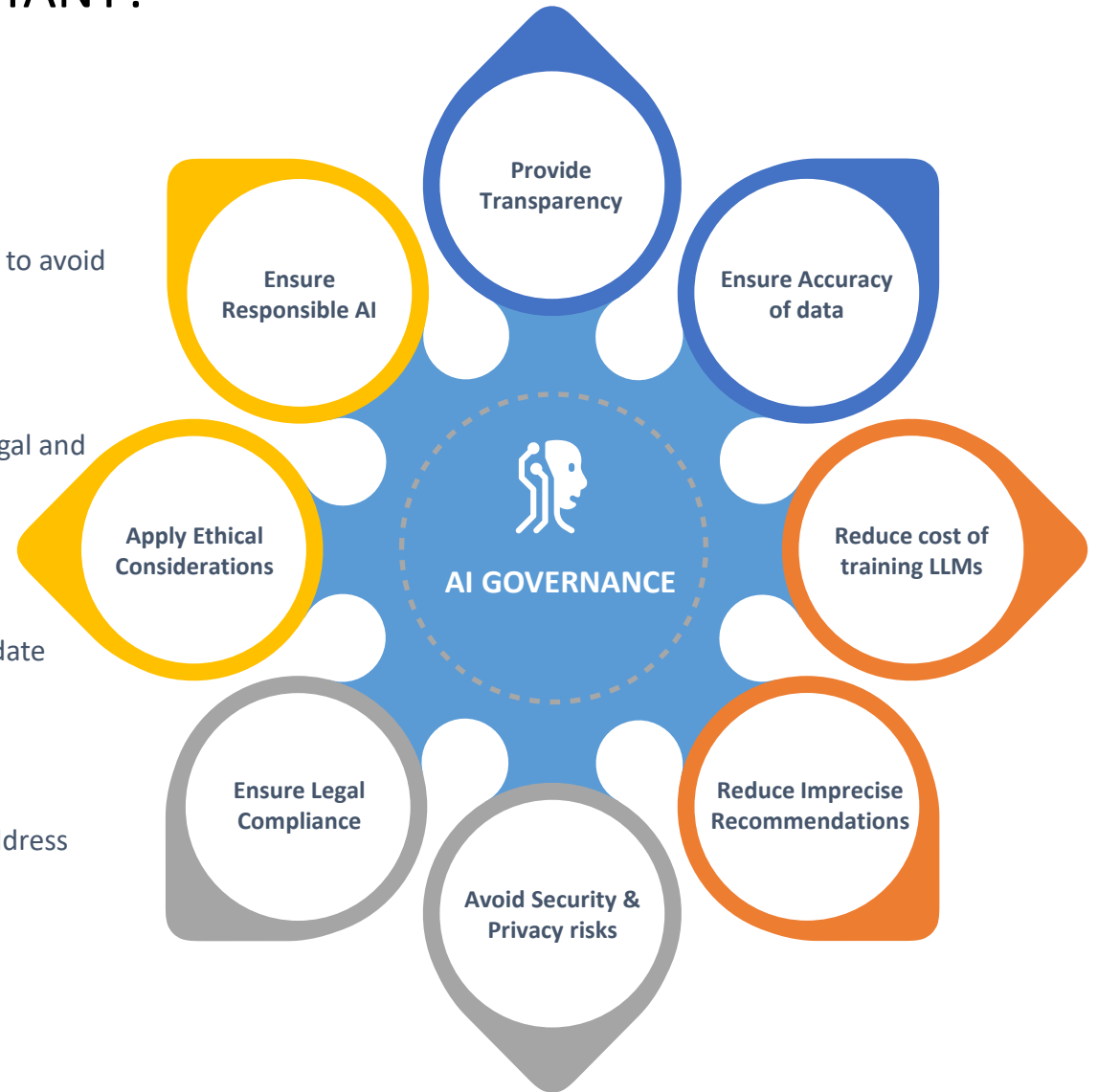
Pillars of AI Governance framework:
- Standards, Methodologies, and processes for Responsible AI
- Ethical guidelines including Fairness, Accountability, Transparency and Safety
- Risk Management
- Regulatory Compliance

AI Governance

Data Governance

Data Management

WHY AI GOVERNANCE IN ENTERPRISE IS IMPORTANT?

- Provide transparency to the AI Model by removing 'black box' aspects

- AI models rely on the accuracy of data. Mature data governance framework is a must.

- Cost of training / retraining LLMs that is based on poor quality data is high

- Reduce inaccurate recommendations from AI model thereby reduce ill-informed decisions

- Establish standards and processes to avoid data security & privacy risks

- Ensure AI model complies with Legal and regulatory mandates

- Establish ethical guidelines to validate fairness, accountability and safety

- Responsible AI will mitigate and address lack of trust in AI models

Provide Transparency

Ensure Responsible AI

Ensure Accuracy of data

Apply Ethical Considerations

AI GOVERNANCE

Reduce cost of training LLMs

Ensure Legal Compliance

Reduce Imprecise Recommendations

Avoid Security & Privacy risks

HOW AI CAN HELP DATA GOVERNANCE?

AI can capture and auto-propagate data definitions, context, classifications, tags, and owners for similar data assets.

Semi-automate the capture of metadata

Data Anomaly Detection & Communication

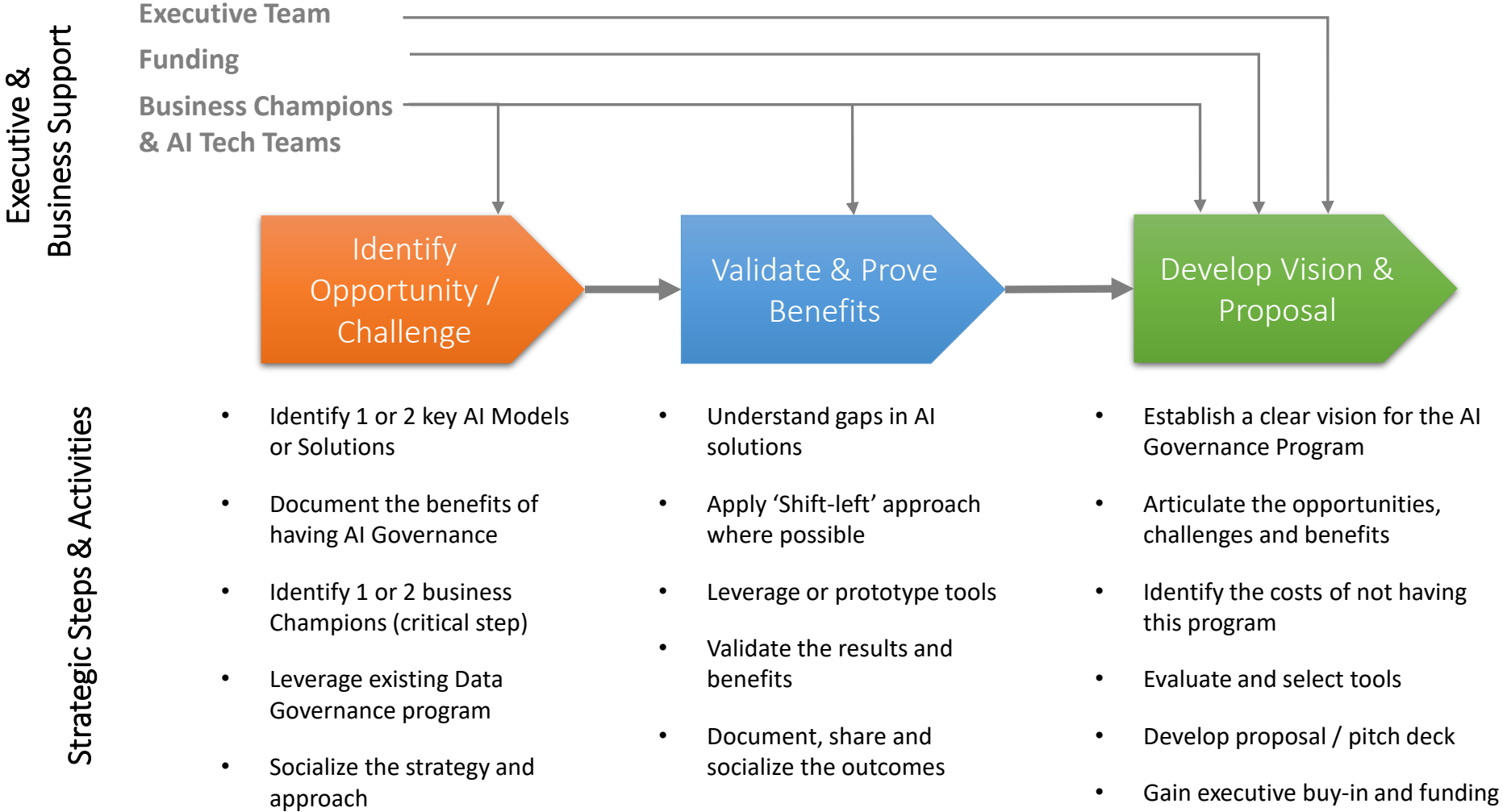Proactive data anomaly detection and communication using data quality, data lineage and governance components.

AI can automate recurring data governance activities so the framework can be scaled up to a larger proportion

Automate recurring data governance efforts

Suggest data policies based on patterns

AI can suggest and setup data policies based on usage patterns, anomalies, and data structure

HOW TO START AI GOVERNANCE?

Executive & Business Support

Executive Team

Funding

Business Champions & AI Tech Teams

Strategic Steps & Activities

Identify Opportunity / Challenge	Validate & Prove Benefits	Develop Vision & Proposal

- Identify 1 or 2 key AI Models or Solutions
- Document the benefits of having AI Governance
- Identify 1 or 2 business Champions (critical step)
- Leverage existing Data Governance program
- Socialize the strategy and approach

- Understand gaps in AI solutions
- Apply 'Shift-left' approach where possible
- Leverage or prototype tools
- Validate the results and benefits
- Document, share and socialize the outcomes

- Establish a clear vision for the AI Governance Program
- Articulate the opportunities, challenges and benefits
- Identify the costs of not having this program
- Evaluate and select tools
- Develop proposal / pitch deck
- Gain executive buy-in and funding

THANK YOU

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