

FLY PIPPER CONSULTING GROUP

A multi-disciplines boutique consulting company that endeavors to help customers tackle hard problems in their businesses.

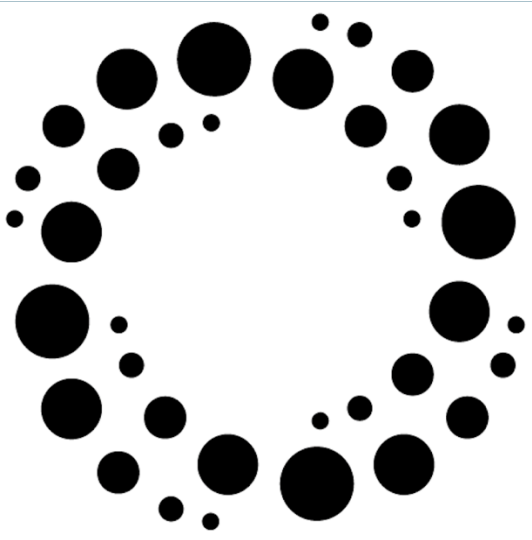
We help business owners and organizations weather the storms and scale to new height by giving timely advises together with feasible solutions.

Domains Consulting Expertise

1. Cybersecurity
2. Artificial Intelligence and Machine Learning, Governance



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Cybersecurity

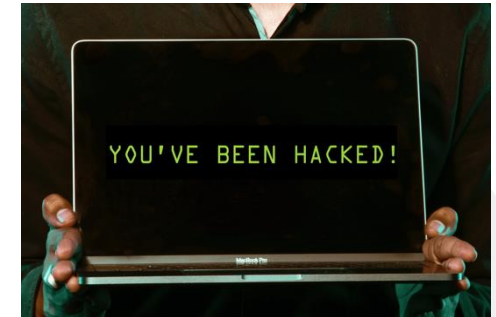
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1. Consultancy and advisory for Information Technology General Controls (ITGC)

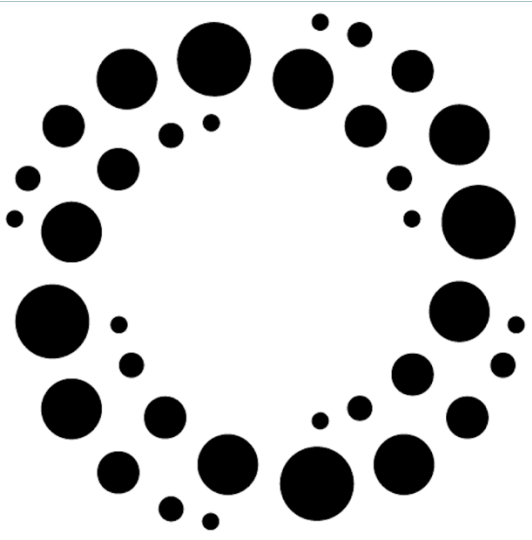
- Cybersecurity Policy and Governance
- Identity and Access Management
- Computer Operations

2. Consultancy and advisory for Security Management

- Data Controls
- System Administration & Controls
- Physical & Logical Controls
- System Availability



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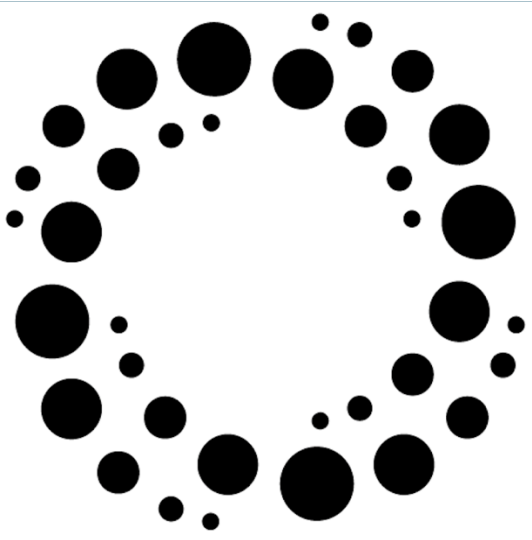
Cybersecurity



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3. ISO27001/ISO27701 and Singapore PDPA Data Trustmark Consultancy and Implementation
4. Cybersecurity Of Singapore Cyber Trust and Essential Consulting and Advisory
5. Enterprise Risk Management Consultation
 - Gap Analysis to measure risks and opportunities
 - Risk Assessment, Evaluation, and Identification reports for remediation actions
 - Developing technology strategy to enhance risk management framework
 - Suggest Risk management system framework design and implementation



Cybersecurity



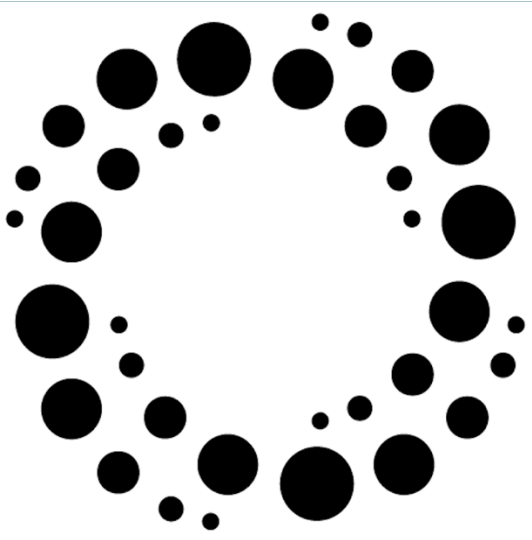
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6. IoT Devices Security Assessment and Monitoring
7. Vulnerability Assessment and Penetration Testing (VAPT)
8. Managed Security Operation Center (SOC)



Private & Confidential



Cybersecurity



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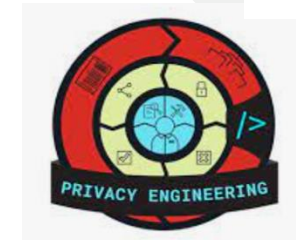
Certified Information
Systems Security Professional
An (ISC)[®] Certification

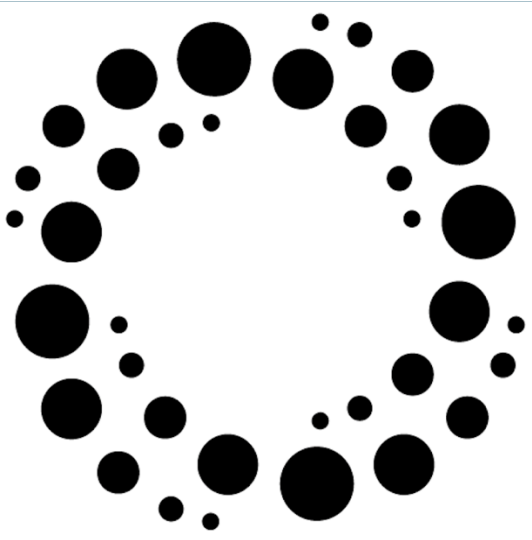


Certified Information
Security Manager.
An ISACA[®] Certification



Certified Data Privacy
Solutions Engineer.
An ISACA[®] Certification





AI/ML

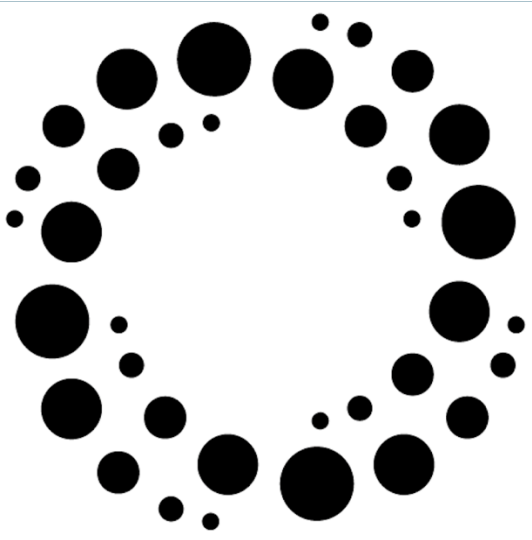


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1. **Artificial intelligence** is a broad term that encompasses all fields of computer science that enable machines to accomplish tasks that would normally require human intelligence. Machine learning and generative AI are two subcategories of AI.
2. **Machine learning** is a subset of AI that focuses on creating algorithms that can learn from data. Machine learning algorithms are trained on a set of data, and then they can use that data to make predictions or decisions about new data.
3. **Generative AI** is a type of machine learning that focuses on creating new data. Often, GenAI relies on the use of large language models to perform the tasks needed to create the new data.
4. A **large language model (LLM)** is a type of AI program that uses machine learning to perform natural language processing (NLP) tasks. LLMs are trained on large data sets to understand, summarize, generate, and predict new content.

From: OWASP Report



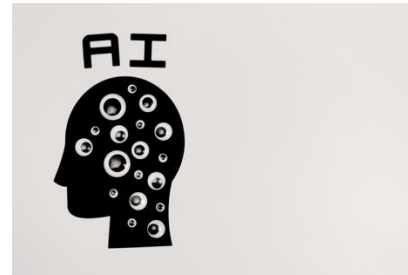
AI/ML

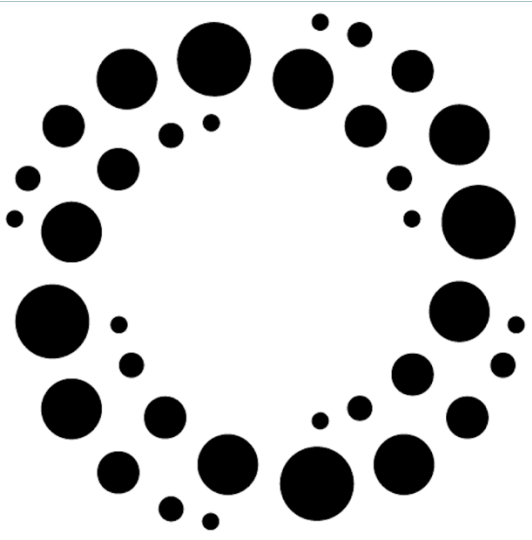


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1. Identify the right AI/ML solutions to unlock hidden insights and gain a competitive edge.
2. Navigate the technical complexities, translating jargon into actionable strategies you can understand.
3. Build and implement robust AI models aligned with your values.
4. Monitor and optimize performance for continuous improvement and long-term success.





AI/ML



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Building the AI Model

Define
your goal

- What problem do you want to solve?

Data
Gathering

- Structure or unstructured data and require to clean the data

Build the
Model

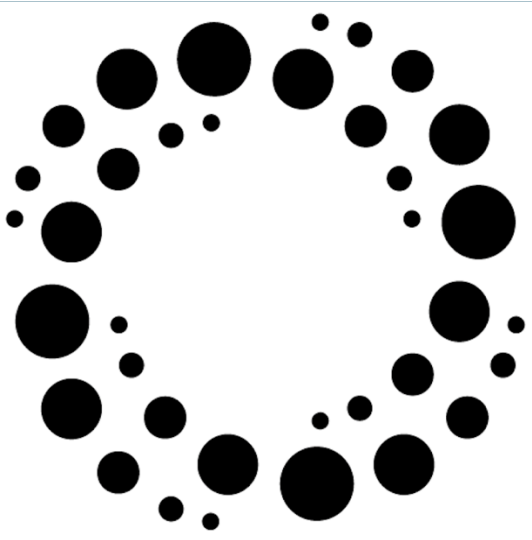
- Neural networks and deep learning, random forests, k-nearest neighbors (KNN), regression. Select the programming languages like C++, Java, Python, and R etc

Train the
Model

- Use 80% of their data set to train their models, and the remaining 20% is used to assert the model's predictive capabilities.

Deploy the
Model

- Define the user interface and monitor



AI/ML



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AI Ethics and Governance

Business should consider when developing AI solutions:

- Bias
- Discrimination
- Safety
- Security
- Transparency
- Privacy
- Accountability

