

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Overview for Decision Makers



- Introduction to AI, ML, Deep Learning and Blockchain Concepts
- Main Drivers for AI Adoption, Supervised/Unsupervised learning & Inference Models State of AI in the Federal Government Today (What is hype and what is real)
- AI Use Cases in Federal to help with Agency Mission
 - Fraud Detection & Mitigation
 - Geo-spatial Intelligence using Drone and Satellite Imagery Fusion Platform Sustainment
 - Insider Threat Detection and Mitigation
 - Smart Video Analytics
 - Autonomous Sensors and Large Scale Object Detection Predictive Cyber Analytics & Next Gen Threat Mitigation
 - AI & ML for Healthcare
 - GPU Accelerated HPC Applications
 - Robotic Process Automation
- Artificial Intelligence (AI) Maturity Model AI Road map to Success
- 7 Layer Technology Stack for AI Solutions
- AI/ML HyperCAP 2.0 Solution Stack & AI Ready Bundles from NVIDIA/Dell EMC & Ecosystem Partners for Accelerating AI (Platform Built for AI Applications)
- What is the potential ROI/ Financial Payback of investment in AI/ ML Projects?
- How some of the agencies and private organizations are leveraging AI/ ML to reduce costs, improve predictability and improve customer experience?
- Overcoming the risks and challenges in the adoption of AI/ ML solutions.
- Best Practices in protecting Data Security, Ethics and Governance in the AI/ ML projects
- Importance and Role of Data Scientists in successful adoption of AI/ ML Projects
- Leveraging the power of Hybrid Cloud Offerings & Natural Language Processing (NLP) for Accelerating AI/ ML Adoption
- Getting started with Proof of Concept/ Proof of Value on AI/ ML project
- How will Intellectual Point enable you to embracing and adopting AI in your agency?





PREM JADHWANI,

CEO & President, Intellectual Point

Prem works as a Chief Executive Officer (CEO) & Founder of Intellectual Point – a Reston VA based professional IT Training, Education & Solutions Provider. He also serves as a Chief Technology Officer (CTO) for Government Acquisitions - an IT Solutions Provider & Trusted Advisor to the Federal Government. His primary responsibilities include defining, developing and delivering professional, hands-on IT Trainings and Solutions in the areas of Cyber Security, Cloud Computing, Data Center, Networking, Big Data Analytics, Mobility, Internet of Everything and Emerging Technologies.

Mr. Jadhvani possesses 20 years of experience working in the enterprise IT space with both commercial and Federal customers. He has a strong blend of technology and marketing background and has worked with a number of Technology and Software firms, including TIBCO Software, See Beyond Technology Corporation (now acquired by Sun/Oracle), Infogix Systems Inc., GTSI Corporation and Unicom Government Inc.

Prem has a well-rounded and extensive product management experience and has a proven track record of successfully training, coaching and mentoring people and with hands-on marketable skills in areas such as Cyber Security, Cloud Computing and Project Management and preparing them for highly skilled IT and management careers in rapidly growing IT space. He provides technical and business expertise in Data Center, Green IT, Enterprise Networking, Information Assurance & Network Security, Unified Communications, Wireless, Virtualization & Cloud Computing solutions to customers and is a prominent speaker at various trade-shows and conferences. Prem was nominated and has served as a Commissioner for the 2012 TechAmerica STLG Cloud Computing Commission as well as 2012 TechAmerica Big Data Commission. Prem is an active contributor to various industry discussions, panels and his work and articles have been published in numerous journals and periodicals.

Prem has an intuitive ability to be able to envision technological changes and provide technical direction and trainings to the companies and customers. Prem is also involved as an adjunct faculty for instructing graduate level degree courses in Cyber Forensics, Big Data, Virtualization and Cloud Computing at various reputable universities like University of Maryland University College (UMUC), Strayer University and several others. Prem holds several advanced academic credentials including MS in Computer Science, MBA in Marketing and has completed his coursework towards a Ph.D. in Cyber Security from George Mason University. He also holds 100+ advanced IT Certifications and Credentials including CISSP, CISM, CISA, CEH, CSM, CHFI, VCP, GIAC, GCIH, ITILv3, CCSP, CCNP, CCVP and several others.

Selected Advanced Professional Credentials for Prem Jadhvani

- **CISSP** (Certified Information Systems Security Professional) # 98713
- **CISM** (Certified Information Security Manager) # 06383504
- **CISA** (Certified Information Security Auditor) # 06383504
- **SANS GSLC** (Global Security Leadership Certification) #2499
- **SANS GCIH** (Global Certified Incident Handler) #12843
- **CHFI** (Certified Hacking Forensic Investigator)
- **CSSLP** (Certified Secure Software Lifecycle Professional) #98713
- **CCDP** (Cisco Certified Design Professional), **CEH** (Certified Ethical Hacker)
- **CSM** (Certified Scrum Master)
- **CCVP** (Cisco Certified Voice Professional) #CSCO11068937
- **CCSP** (Cisco Certified Security Professional) #CSCO11068937
- **CCNP** (Cisco Certified Network Professional)
- **CASP** (CompTIA Advanced Security Practitioner)
- **VCP 5.0** (VMware Certified Professional vSphere 5.0), **ITIL Foundation**

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