



AWS STATE, LOCAL, AND EDUCATION LEARNING DAYS

Accelerate impact with rapid AI prototyping

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Co-innovation through public-private partnerships

Cloud Innovation Centers enable public sector organizations and AWS to **collaborate and solve real-world public sector challenges**, while providing valuable experience for student interns.

We provide access to **industry-leading innovation processes and cloud technology expertise** to solve organizational and mission-critical problems in the public sector.



Artificial Intelligence
Cloud Innovation Center



CAL POLY

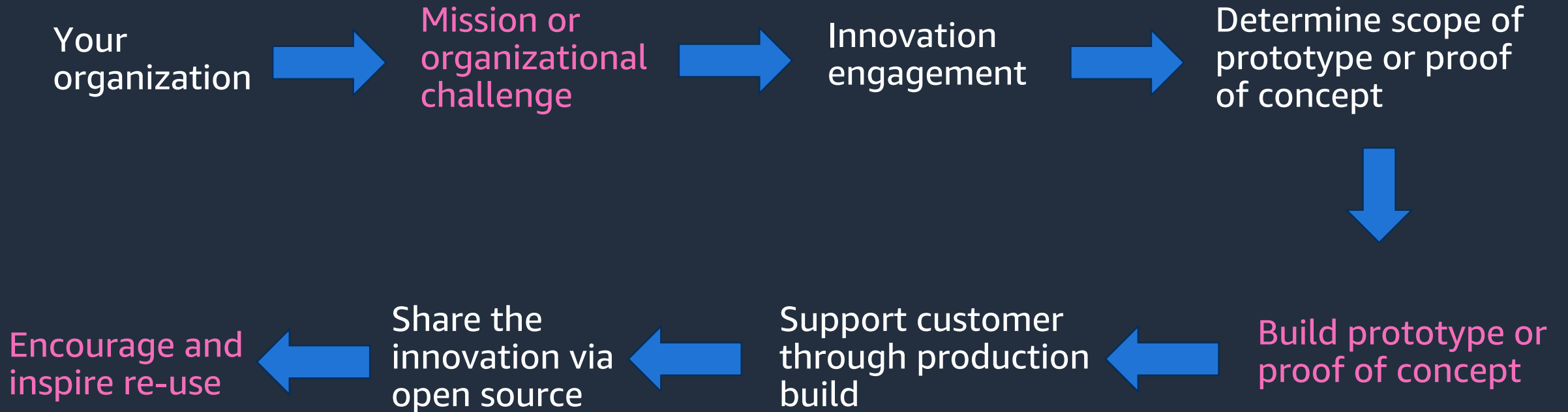
Digital Transformation Hub



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UC DAVIS HEALTH


Engagement Lifecycle




Facilitating cyber-resiliency: My eCISO


Using the NIST Cyber Security Framework, the City of San Diego and the San Diego Cyber Center of Excellence created a generative AI-based app to support cyber resiliency. It walks users through a natural language interview about their organization's cybersecurity posture and produces a report with NIST-compliant tools and actionable steps for improvement.


My eCISO.

 Hello, I'm eCISO. I specialize in the NIST Cybersecurity Framework for evaluating an organization's cybersecurity posture. Could you kindly introduce yourself and mention the institution you work for?

 Colleen with Cave Creek Unified School District

 Thank you Colleen. Let's start the assessment by discussing your district's cybersecurity practices across the 5 NIST framework functions - Identify, Protect, Detect, Respond, and Recover. I'll ask questions about each function one-by-one. Please provide as much detail as possible in your responses. To begin, for the Identify function, how does your district inventory its assets, manage system configurations, and assess risks?

 We don't currently have a system in place to do this.

 Thank you for that information. It seems like the Identify function, which covers asset management, configuration management, and risk assessments, needs significant improvement. Let's move on to discussing the Protect function. Could you describe your district's identity and access management, data security, and system security measures?

Can be applied to additional frameworks including CIS, CJIS, HIPAA, and more

An easier way to search multiple websites

When a government has multiple websites across different departments and services, it can be challenging for residents to find the content they need. Through web indexing and natural language search using generative AI, this process can be simplified.



Invoice processing – city transportation department

Serverless solution that leverages Amazon Textract to extract information from PDF work order documents, and uses generative AI to provide actionable insights for queries expressed in natural language.

REQUEST FOR WORK TRAIN	
LINE	1255 E Uni. dr
CONTRACT	A-37171
CONTRACTOR	Kita Kell
CHARGE (JOB) NO.	
ACCOUNT REC. NO.	123455
TRAIN CONSIST	
TRAIN CONSIST	
WORK TRAIN REQUEST NUMBER	
WORK TRAIN CONSIST : BBB	
LOAD DATES & TIME :	22 Jan 2024 1 am
YARD :	
WORK DAYS :	Monday to Wed
# DAYS / NIGHT :	
WORK DATES :	22 Jan
OR	
WORK HOURS :	20
# CONTINUOUS HOURS :	10
WORK LOCATION :	14th Street/ 6th Ave Station / F-M Train
TRACK :	
UNLOAD DATES & TIME :	
YARD :	38th Street
SPECIAL INSTRUCTIONS :	Bring Work Train to Station Platform Area - Track B2
*Move as directed by the Contractor	
PIGGYBACK WITH	
** APPROVED BY :	REQUESTED :
SERVICE PLAN#	GENERAL ORDER # :

What is your top innovation priority?

...to more easily communicate with residents?

...to index your websites and enable smarter, multi-lingual search?

...to quickly analyze or aggregate thousands of paper records?

...to enable students to access the resources and guidance they need?

Or something else entirely?

Let's innovate and build together.