



AI Basics for the Curious – Session 5

“STEWARDS OF UNDERSTANDING: AI, ETHICS & THE WORLD WE SHAPE”

Friday, December 5, 2025



10:00 – 11:30 AM



CSUF OLLI – Mackey Auditorium (RGC-013)



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WHAT WE LEARNED SO FAR

HUMAN INPUT & CHOICES



- Patterns, Not Meaning
(AI recognizing shapes & sequences, not understanding)



- Massive Training Data
(Outputs derived from vast, curated datasets)



- Statistical “Intelligence”
(Results are probabilistic simulations, not conscious thought)

AI REFLECTION & OUTPUT



- Mirrors Training Data
(Reflects existing biases & patterns in the data)
- Behavior Shaped by Us
(Our choices in data and design define its actions)

**AI mirrors our patterns —
so our choices matter.**

WHY TODAY MATTERS



AI now **shapes daily life** across many sectors.



We've entered **AI's consequence** phase.



Tech moves **faster** than society can interpret it.



AI impacts **fairness, privacy, law, jobs, trust.**



Awareness grows through **learning** and **dialogue.**

We've entered AI's consequence era — awareness is essential.

ETHICS: AI AS A MIRROR



**AI reflects patterns,
not beliefs.**



**Biased data creates
biased outcomes.**



**AI reproduces society's
past mistakes.**



**Ethics depends on
data and oversight.**



**Humans remain
accountable for
AI use.**

AI reflects us — ethics decide what it reflects.

CASE STUDY — AMAZON HIRING BIAS



Amazon's AI learned gender-biased patterns.



Male-heavy hiring data skewed results.



The system down-ranked women's résumés.

MALE DATA
(Historic)

HIRED



Bias emerged from data, not intent.



Case prompted fairness standards industry-wide.

FEMALE
DATA

REJECTED/
DOWN-RANKED

Biased data makes biased AI — even without intent.

THE FIVE PRINCIPLES OF ETHICAL AI

Fairness prevents biased outcomes.



Transparency explains AI decisions.



Humans stay accountable, not the AI.



Privacy protects personal data use.



Safety requires strong testing.

Ethical AI requires fairness, clarity, and strong safeguards.

DATA PRIVACY: YOUR DIGITAL TRAIL

Every action online
creates data.



Devices collect
hidden metadata.



Data often
travels far beyond
your device.



AI can't unlearn
trained information.



Most data leaks
come from simple
mistakes.

Your data trail is powerful—know where it goes.

THE SAMSUNG INCIDENT: (DEEP DIVE ON PRIVACY BREACHES)

Engineers pasted
secret code into
ChatGPT.



Inputs stored on
external servers,
not private.



Leak exposed
sensitive
internal IP.



Triggered global
AI tool restrictions.



Most breaches
come from
misunderstandings.

Small mistakes can create major privacy exposures.

EMERGING PRIVACY LAWS



GDPR grants broad user data rights.



CCPA gives Californians control over data.



AI makes privacy more urgent than ever.



Laws push consent and data minimization.



Dozens of nations now follow these models.

Privacy laws give people control as AI grows more powerful.

AI AND THE LAW: WHEN GOVERNMENT TRIES TO CATCH UP

Tech outpaces
law—AI is no
exception.



AI evolves too
fast for traditional
rules.



AI spans sectors,
complicating
oversight.



Governments
now building
early AI laws.



Laws aim to clarify
responsibility.

AI evolves fast — laws are still learning to keep pace.

EUROPE LEADS: THE EU AI ACT



EU categorizes AI by risk level.



High-risk AI requires strict audits.



Rules act as algorithmic seatbelts.



Global companies must comply.



EU's rights-first history drives regulation.

Europe sets the rules that shape global AI behavior.

THE U.S. LANDSCAPE: A PATCHWORK OF APPROACHES



Executive Order begins federal oversight.



Agencies create sector-specific guidance.



States act as AI policy laboratories.



Industry self-regulation fills gaps.



Protections vary widely without federal law.

U.S. AI rules grow unevenly—federal, state, and industry intersect.

COPYRIGHT CONFLICTS IN THE AGE OF AI



AI trains on massive creative datasets.



Major lawsuits test copyright limits.



Deepfakes challenge artistic identity.



Creators dispute use of their work.



AI style imitation blurs ownership.

AI challenges how we define creativity and ownership.

AI AND JOBS: A TURNING POINT



AI automates cognitive tasks once human.



Entry-level roles shrink rapidly.



Co-pilot tools may reduce worker need.



New AI jobs are few and short-lived.



Hiring slowdowns show deeper shifts.



AI shifts not just jobs — it reshapes how careers begin.

THE DISAPPEARING MIDDLE: WORK, MEANING & THE FUTURE OF PURPOSE



Mid-skill jobs
face highest
automation risk.



Career ladders weaken
as roles vanish.



Even new
AI jobs get
automated.



Society rethinks
purpose and
contribution.



UBI and workweek trials
explore new models.



AI isn't erasing work — it's erasing the middle that held it together.

AI & SOCIETY: WHO BENEFITS, WHO FALLS BEHIND?



AI creates intelligence inequality.



Access to tools determines advantage.



Data colonialism risks deepen divides.



AI can also expand equity if guided well.



Access—not wealth—shapes who thrives.



AI can be a ladder — or a wall — depending on access and design.

RESPONSIBLE CURIOSITY: THE FIVE GOLDEN RULES



Verify everything—AI may be wrong.



Protect privacy with cautious inputs.



Credit AI help to stay transparent.



Think critically about benefits and harms.



Keep learning to stay in control.



Use AI thoughtfully—habits shape outcomes more than tools.

AI'S PROMISE: HOW RESPONSIBLE DEVELOPMENT CAN LIFT HUMANITY



AI strengthens healthcare globally.



Education access expands through AI.



AI aids climate and disaster response.



Responsible use unlocks big benefits.



AI can empower underserved groups.



With care, AI can expand health, learning, and global resilience.

RESPONSIBILITY AS A MINDSET: NAVIGATING A WORLD IN MOTION



Responsibility is an adaptive mindset.



Awareness matters more than fear.



Consider who benefits—or is harmed.



Everyday actions shape digital culture.



Non-experts still influence AI safely.



How Awareness Shapes Safe, Human-Centered AI Use

CLOSING REFLECTION: STEWARDS OF UNDERSTANDING & CONTINUING THE CONVERSATION



You are now
stewards of
understanding.



Core principles
guide beyond
today.



Wisdom beats
speed in AI
adoption.



Small actions
create large
ripples.



The conversation
continues with you.



Your curiosity and wisdom help shape a thoughtful AI future.

SPRING UPDATE & CONTINUING THE JOURNEY



Good news: Class approved to continue into Spring 2026



New class time:
Alternate Tuesdays • 2:15–4:00 PM



Spring 2026 Dates: Feb 10 & 24 • Mar 10 & 24 • Apr 14 & 28, **No class:** May 12



Location: Mackey Auditorium • Zoom • Stream



Continue exploring AI tools; Danny welcomes your questions and topic ideas for Spring 2026.



Looking forward to beginning the next chapter on Feb 10 at 2:15 PM



FINAL ROLE: Continue the journey as informed stewards of AI's ethical and legal future.

AFTER-CLASS EXPLORATION

QR Codes for Links



Left: ➡ Course Overview



Center: ➡ Titan AI Hub



Right: ➡ Class Handouts