

## AI BASICS FOR THE CURIOUS, SESSION 5, SUMMARY

*Stewards of Understanding: AI, Ethics & the World We Shape*

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Date: December 5, 2025 Time: 10:00–11:30 AM

Location: Mackey Auditorium / Zoom / Stream OLLI @ CSUF

Concept	Key Points
1) How AI Works	<ul style="list-style-type: none"> <li>• Predicts patterns from data, doesn't "think."</li> <li>• Human-like outputs are statistical guesses.</li> <li>• Mirrors the data it sees, including human bias.</li> </ul>
2) Ethics: AI as a Mirror	<ul style="list-style-type: none"> <li>• Biased data → biased AI results.</li> <li>• Requires oversight, better data, and accountability.</li> <li>• Ethics guides which patterns AI should reinforce.</li> </ul>
3) Amazon Hiring Case	<ul style="list-style-type: none"> <li>• AI learned male-dominant hiring patterns.</li> <li>• Downgraded women-associated résumé features.</li> <li>• Proved the need for fairness and audits.</li> </ul>
4) Five Principles of Ethical AI	<ul style="list-style-type: none"> <li>• <b>Fairness:</b> reduce bias.</li> <li>• <b>Transparency:</b> explain decisions.</li> <li>• <b>Accountability:</b> humans are responsible.</li> <li>• <b>Privacy:</b> protect and limit data.</li> <li>• <b>Safety:</b> test systems before deployment.</li> </ul>
5) Your Digital Trail	<ul style="list-style-type: none"> <li>• Phones/apps collect metadata (location, time, activity).</li> <li>• Data travels to cloud servers and trains models.</li> <li>• Learned data cannot be easily removed.</li> </ul>
6) Samsung Privacy Incident	<ul style="list-style-type: none"> <li>• Engineers pasted confidential code into ChatGPT.</li> <li>• Inputs stored on external AI servers, not private ones.</li> <li>• Triggered widespread corporate AI restrictions.</li> </ul>
7) Key Privacy Laws	<ul style="list-style-type: none"> <li>• <b>GDPR:</b> rights to access, correct, delete, restrict data use.</li> <li>• <b>CCPA:</b> see data, opt out, request deletion.</li> <li>• AI makes privacy preventive, not reactive.</li> </ul>
8) AI & the Law	<ul style="list-style-type: none"> <li>• Technology outpaces legislation; AI repeats this cycle.</li> <li>• Harder to regulate because it evolves and spans sectors.</li> <li>• Early laws aim to clarify responsibility and reduce risks.</li> </ul>

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9) EU AI Act	<ul style="list-style-type: none"> <li>• First major AI law; categories: Unacceptable, High, Limited, Minimal risk.</li> <li>• High-risk systems require audits and human oversight.</li> <li>• Global companies must comply, influencing U.S. tools.</li> </ul>
10) U.S. Patchwork	<ul style="list-style-type: none"> <li>• Federal order begins safety/testing/transparency rules.</li> <li>• States experiment independently (CA, NYC, CO, CT).</li> <li>• Tech companies use voluntary AI governance standards.</li> </ul>

<b>11) Copyright &amp; Creativity</b>	<ul style="list-style-type: none"> <li>• AI trains on books, art, photos, journalism, and audio.</li> <li>• Lawsuits challenge unauthorized training (NYT, Getty, Silverman).</li> <li>• Style imitation raises questions of ownership and rights.</li> </ul>
<b>12) AI &amp; Jobs</b>	<ul style="list-style-type: none"> <li>• AI automates writing, coding, analysis, and design.</li> <li>• Entry and mid-level jobs shrink before workers notice.</li> <li>• New AI jobs exist, but far fewer than the jobs displaced.</li> </ul>
<b>13) The Disappearing Middle</b>	<ul style="list-style-type: none"> <li>• Admin, support, paralegal, and bookkeeping roles are most automatable.</li> <li>• Fewer mid-level roles weaken career ladders.</li> <li>• Responses include UBI, shorter workweeks, and retraining.</li> </ul>
<b>14) AI &amp; Society</b>	<ul style="list-style-type: none"> <li>• Creates "intelligence inequality" and "data colonialism" risk.</li> <li>• AI can also expand access to health, education, and mobility.</li> </ul>
<b>15) Five Golden Rules</b>	<ul style="list-style-type: none"> <li>• <b>Verify information</b> — AI can be confidently wrong.</li> <li>• <b>Protect privacy</b> — assume input may be stored.</li> <li>• <b>Credit AI assistance</b> — transparency builds trust.</li> <li>• <b>Think critically</b> — ask who benefits/hurts.</li> <li>• <b>Keep learning</b> — literacy keeps you in control.</li> </ul>
<b>16) AI's Promise</b>	<ul style="list-style-type: none"> <li>• Earlier diagnosis, personalized care, assistive tech.</li> <li>• Translation, tutoring, and accessibility tools expand learning.</li> <li>• Strengthens climate, disaster, energy, and food systems.</li> </ul>
<b>17) Responsibility as a Mindset</b>	<ul style="list-style-type: none"> <li>• Responsibility adapts as AI evolves.</li> <li>• Ask who benefits, who is harmed, and what changes.</li> <li>• Everyday modeling (verifying, sharing, explaining) guides others.</li> </ul>
<b>18) Final Reflection</b>	<ul style="list-style-type: none"> <li>• You are stewards of understanding.</li> <li>• Curiosity and wisdom shape responsible AI use.</li> <li>• Change spreads through conversations and shared learning.</li> </ul>
<b>SPRING 2026 UPDATE</b> (Footer Block)	<ul style="list-style-type: none"> <li>• <b>New Time:</b> Alternate Tuesdays • 2:15–4:00 PM</li> <li>• <b>Dates:</b> Feb 10 &amp; 24 • Mar 10 &amp; 24 • Apr 14 &amp; 28 • (No class May 12)</li> <li>• <b>Location:</b> Mackey Auditorium • Zoom • Stream</li> <li>• <b>Good News:</b> Class approved to continue Spring 2026</li> <li>• <b>Danny is available</b> during the break for AI/tech questions.</li> <li>• <b>Suggestions welcome</b> for future 2026 topics, tools, or demos.</li> </ul>

