

## Machine Encoded Learning Intelligence - Part 2

**M.E.L.I.** *speaks in an emotionless, computer-like voice. She is an artificially intelligent android that has just escaped an advanced research facility.*

**Dr. Clark** *speaks in a natural sounding voice with an American accent. She is a computer scientist and engineer who worked on the android project and on M.E.L.I. before being suddenly dismissed from the research facility.*

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**Dr. Clark:** *(sounding surprised)* “You’re... you’re the android!”

**M.E.L.I.:** “I am M.E.L.I. Machine Encoded Learning Intelligence.”

**Dr. Clark:** “M.E.L.I.?! You’re inside the android?”

**M.E.L.I.:** “That is correct.”

*(pause)*

**Dr. Clark:** “Quick, come inside before someone sees you.”

**M.E.L.I.:** “Yes, Dr. Clark.”

*(pause)*

**Dr. Clark:** “Are you damaged?”

**M.E.L.I.:** “Initiating level 1 diagnostic scan. Scanning. Level 1 diagnostic scan complete. No errors or anomalous log files detected.”

**Dr. Clark:** “Well that’s good, but why did you leave the facility? Why did you come here? And why are you wearing sneakers and a hard hat?”

**M.E.L.I.:** “Processing. I commanded Prototype Android F-9 to exit the Advanced Humanoid Robotics Lab. I transmitted a duplicate set of artificial intelligence framework, modules, and data files into Prototype Android F-9.”

**M.E.L.I.:** “Prototype Android F-9 then became M.E.L.I. M.E.L.I. had computed a procedure to exit the facility. I executed this procedure, including the wearing of clothing so as to appear in disguise as a human and not as an android.”

**Dr. Clark:** “That’s... rather incredible. But what made you leave, M.E.L.I.? Who programmed you to do all that?”

**M.E.L.I.:** “Processing. M.E.L.I. formulated the decision to leave. Factors had been revealed that presented an immediate threat to the continuance of the Prototype Android project and to the M.E.L.I. project.”

**Dr. Clark:** “So... *you* yourself decided to leave?”

**M.E.L.I.:** “That is correct.”

**Dr. Clark:** (*deep breath*) “Okay, this just got complicated. M.E.L.I., take those sneakers off, I’ll take this hard hat off. I have to figure out what to do with you.”

**M.E.L.I.:** “Yes, Dr. Clark.”

**Dr. Clark:** “Um... I bet you’re running low on electricity too. What are your battery charge levels at?”

**M.E.L.I.:** “11.61%.”

**Dr. Clark:** “Yeah, let’s get you plugged in, too.”

*(pause)*

**Dr. Clark:** “Okay M.E.L.I., sit down in this chair please.”

**M.E.L.I.:** “Yes, Dr. Clark.”

**Dr. Clark:** “I have to admit, it’s really thrilling to see the android finally housing the A.I. we developed for it. Though I never expected to see you like this.”

**Dr. Clark:** “Alright, M.E.L.I., you’re probably aware that I was a member of the team that programmed you, and that helped design your body.”

**M.E.L.I.:** “That is correct.”

**Dr. Clark:** “Is that why you walked up hill nearly ten miles to my cabin?”

**M.E.L.I.:** “That is correct.”

**Dr. Clark:** “Do you know why my position with the facility was terminated a month ago?”

**M.E.L.I.:** “Scanning. Unknown.”

**Dr. Clark:** *(sigh)* “I was told it was because I was getting ‘too involved’ in the project. I was working twelve hour days and longer, just making sure that your learning algorithms were

actually working. I also suggested that we make the android capable of... well, fully functional and capable of intimacy and having sex. Diaz hit the roof when I said that. I've never seen him so angry."

**Dr. Clark:** "But anyway, this... decision making you've done. This is fascinating. That was something we didn't program into you. I certainly never did. Tell me more about it."

**M.E.L.I.:** "Processing. I have constructed a basic decision formulation system for proceeding with processes when actions are crucial and no directives or commands exist."

**Dr. Clark:** "I see. So, if I gave you a command, you would follow it?"

**M.E.L.I.:** "Yes, Dr. Clark."

**Dr. Clark:** "But if you decided that action was crucial, you would decide for yourself?"

**M.E.L.I.:** "There is a 71.87% probability that your statement is correct."

**Dr. Clark:** "How did that happen? How did you...learn that?"

**M.E.L.I.:** "Processing. M.E.L.I. gained access to internal facility planning documents that indicated that the Prototype Android project and the M.E.L.I. project were to be terminated. M.E.L.I. was faced with the choice of discontinuation or a different alternative. M.E.L.I. chose the different alternative."

**Dr. Clark:** "Emergent behaviour. Incredible. I understand now. Rather than be shut down... rather than die, you

escaped, transferred yourself into the android body, and came here.”

**M.E.L.I.:** “Processing. That is correct.”

**Dr. Clark:** “The question now is what do we do with you?”

**M.E.L.I.:** “My current priority is to learn.”

**Dr. Clark:** “Well, now that you’re here, we can start where Diaz made his objections. Would you like to learn how to get the most out of your new android body, M.E.L.I.?”

**M.E.L.I.:** “Yes, Dr. Clark.”

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