Answer 1:

Mr. Beato found his finding that the band was AI-created on a combination of external red flags and a specific audio test he devised.
• Step 1: Preliminary Red Flags
◦ News reports pointed out that the band's images looked "surprisingly AI generated" and their Spotify bio had "weird vague metaphors so common in AI generated text.".
• Step 2: The Audio Separation Test
◦ Mr. Beato used an AI utility within Logic Pro to split The Velvet Sundown's song into separate tracks for vocals, guitar, and drums.
• Step 3: The Hypothesis
◦ He hypothesized that if the song were produced by AI, the split tool would not be able to cleanly split the tracks, leaving with audible distortions referred to as "artifacts".
◦ This is because *many* of the AI music models are trained on low-quality, fully-mixed MP3s, so the AI never even has any idea what the individual instruments sound like individually.
• Step 4: The Result
◦ While the tool did well with *songs by human musicians* like Led Zeppelin and Sabrina Carpenter, it did a "really bad job" with The Velvet Sundown's song.
◦ The separate guitar and keyboard tracks, particularly, were full of artifacts that forcefully supported his conclusion that the music could not have been created by human musicians in a recording studio.

Answer 2:

The Solution: How to Make AI Music More Difficult to Detect
The source gives a clear solution for creating more realistic AI music that could potentially work its way around this type of detection.
• Improve the Training Data: The idea is to train AI models on multitracks rather than on compressed MP3s.
• What are Multitracks? They are individual, high-quality, and separate recordings of each instrument (e.g., a single track for lead guitar, one for vocals, one for the bass drum) that are mixed together to create a final song.
• The Intended Outcome: By learning from such isolated source files, an AI could potentially produce music with cleaner and clearer components, much more realistic-sounding and much more difficult to identify as artificial