Digital systems hands-on inside a computer’s brain

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In this session, we get to know Digital Systems and binary data with a hands-on approach. We explore the interrelationship between software and hardware. We start by making our own binary data, translate it into decimal numbers, perform binary addition, subtraction, and data storage. We'll then use binary data to program a simple computer and learn how binary data becomes computer code. The approach is fun, interactive, tactile, with many experiments. Participants will grow their understanding of the binary number system and the internal working of computers through experimentation. ACTDIK001, ACTDIK002, ACTDIK007, ACTDIK008, ACTDIK014, ACTDIK015, ACTDIK024, ACTDIK034, ACTDIK035