# Generative AI Tools for Quantitative Research

## Image description for accessibility



The image illustrates the hierarchy of programming languages and their translations down to binary code. It consists of five horizontal rectangles stacked vertically, each representing a different level of programming language. At the top, a lavender rectangle labelled "Natural Language" contains the text "Give me R code to plot sales." Below it, a light blue rectangle labelled "High-Level Languages" includes the text "plot(data$sales)." The third layer is a light green rectangle labelled "Assembly Language" accompanied by "MOV AX, 0x4C00." The fourth layer features a light yellow rectangle with "Machine Code" and "B8 00 4C CD 21." Finally, at the bottom, a pink rectangle labelled "Binary Code" displays "10111000 01001100 ..." Each rectangle has a downward-pointing arrow indicating the translation from one language to the next.

See full resource: <https://www.ncrm.ac.uk/resources/online/all/?id=20859>

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