Module 1 (96) Weeks: was Frechas - matae fundas ad meedo weard. Its orelador dip between some uputs and an aitput. Eg & howe fleretion for destributing the tempradue in the room. I may input x, y, z coordinate of a specialic location of room as well as how t - and gluetan all aspart ar return TEMPORATURE et most Specialic Ponit in Space at hat moment in time. X, y, Z -> Trnchan | -> Temprolitie

hele So many area of maths, he idea is very straight flowered,
But he notation can make tango
very Coshwarg 3 Here's where a lot of the portherns seem to 018. In order to all and ply with the interesting applications of maths, it requires you to do a lot of large and Sanctimes boring grandward,
mathematical language. Set mathematical longuage i fatt lele outher learning outher language in that respect, ie cont enjoy freich poety, unless you have done a lot of brench volabulary. and grammer, quits

3 Understandable Some pegale flich But here is maths poetry wanting flor hose who persevere at end of the hemsel. Machine learning is a whole new opine of his "poetry" So we need to hang in there! Letgo: we have appossin: f(x) = 22+3

Fram heabove, are jost howe to know the f(x), means of fisa beneficial of x, and not f multiplied by x.....

This can get Confluency, when: f(x) = g(x) + h(x+a)we can assume that \$,9, h are Not variables. otherwa f(x,g,h,a) We need more explaination and more Context. 1.e cs g afterstan applied tox? Is h something senular? Now: we will shown some data, and will need to select a feretan to represent the - not intended to se difficent - But selecting a function is the Creative essence of science Rosend sekting å Condidate function or hypothesis to Model world is whood great genues. Science are reprombated for.

Then here a larg proces of thing their hypothesis

Est here will be nothing to test

turkent that faint creative Step. Calculus is simpley the study of how these functions change wint to their importantes and allows you to investigate and manipulate = Bet Whreekly & just a set of tools End of Care, use it myself to Model real would date.