Introduction to categories-I
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This is the first of what it is hoped is a short series of talks on categories. The aim of this talk is introduce categories and functors along with some examples. Other than that, we shall aim to talk about representable and adjoint functors, and study Yoneda's lemma. The talk will broadly follow the relevant parts of the first chapter of lecture notes of Schapira.

Pre-requisites :
Familiarity with basic concepts of algebra and comfort with abstraction.