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**Peter Bubenik\*** ([peter.bubenik@gmail.com](mailto:peter.bubenik@gmail.com)). *Category Theory in Topological Data Analysis*.

Topological Data Analysis (TDA) uses ideas from algebraic topology to study the ‘shape’ of data. I will give a brief introduction to TDA and then show it can be reinterpreted using category theory. This sheds light on some of the main results of TDA and also suggests how it may be extended. (Received August 13, 2014)