Midlecture Problem

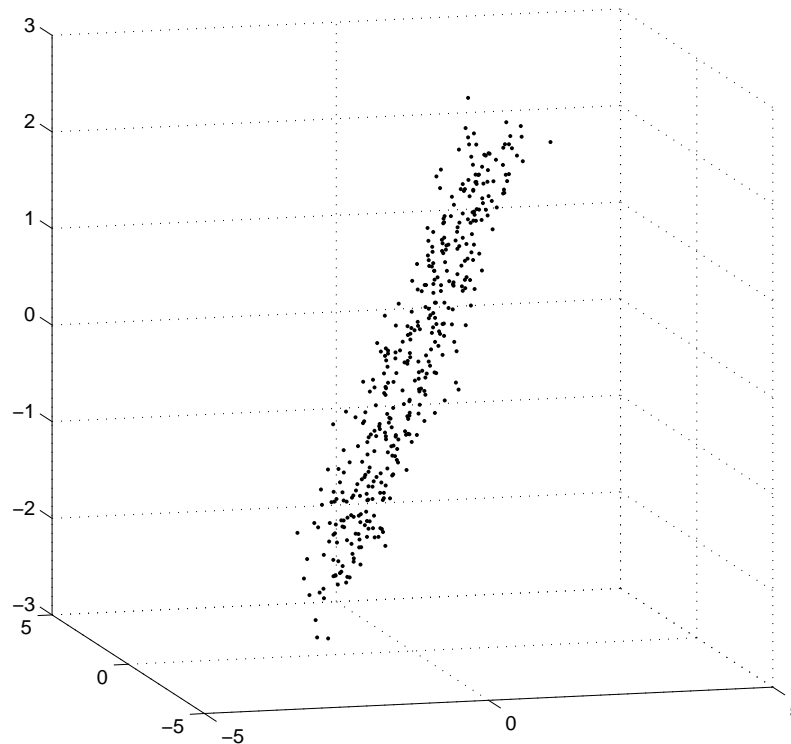## If you had a 3D dataset like this

How many principal components does it have?