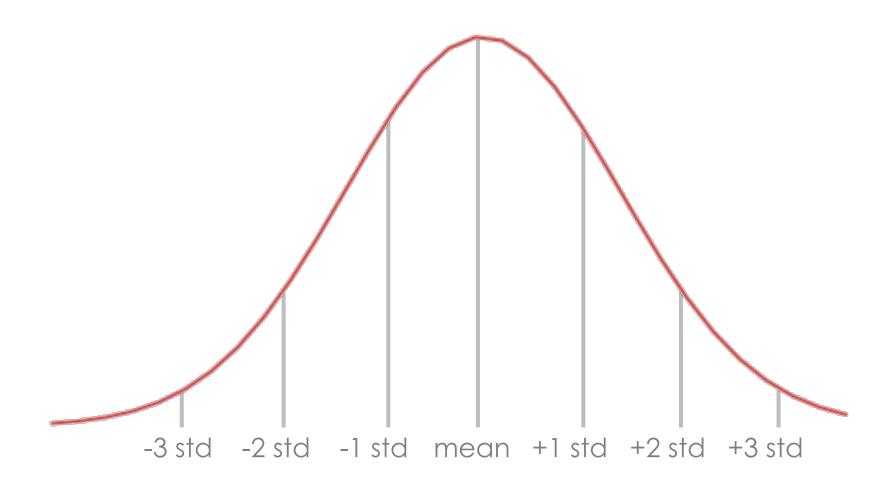
Normalizing Deep Learning Pre-Work

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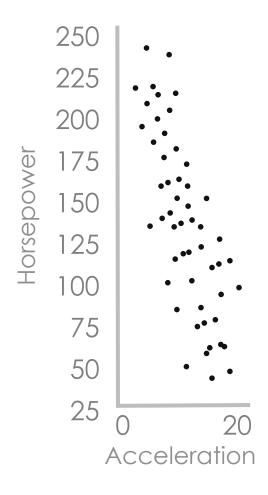
Normal Distribution



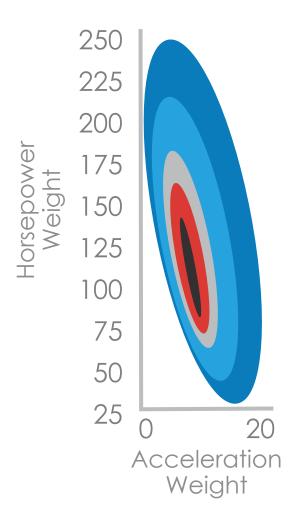


Un-normalized features

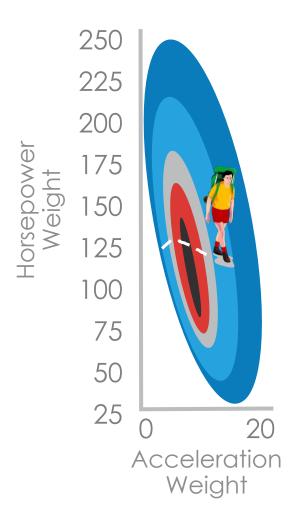






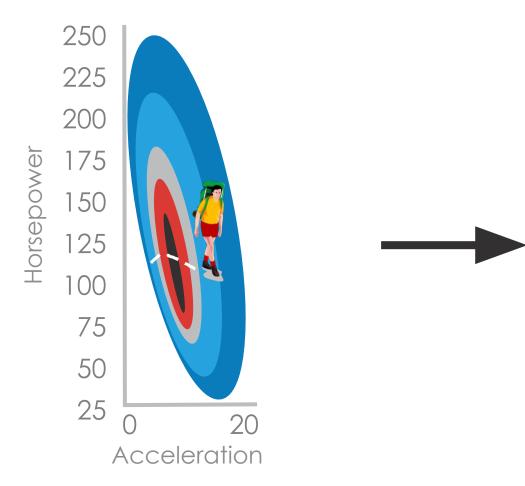




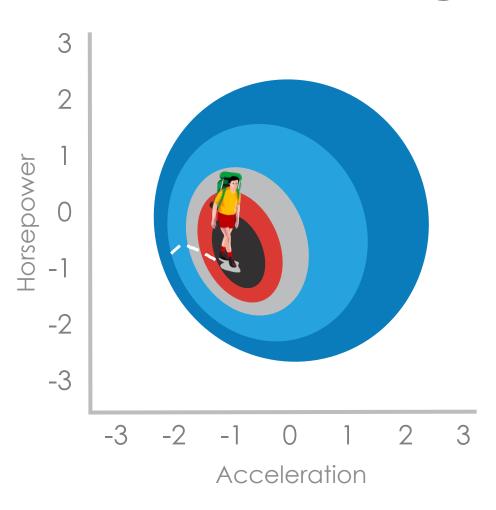




Before normalizing



After normalizing



Normalizing

50

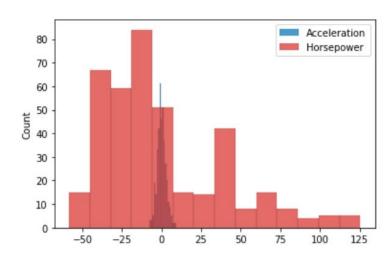


100

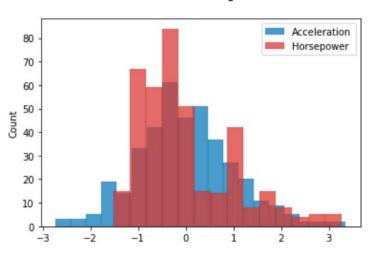
150

200

Step #1: Subtract mean



Step #2: Divide by std



Normalizing





