

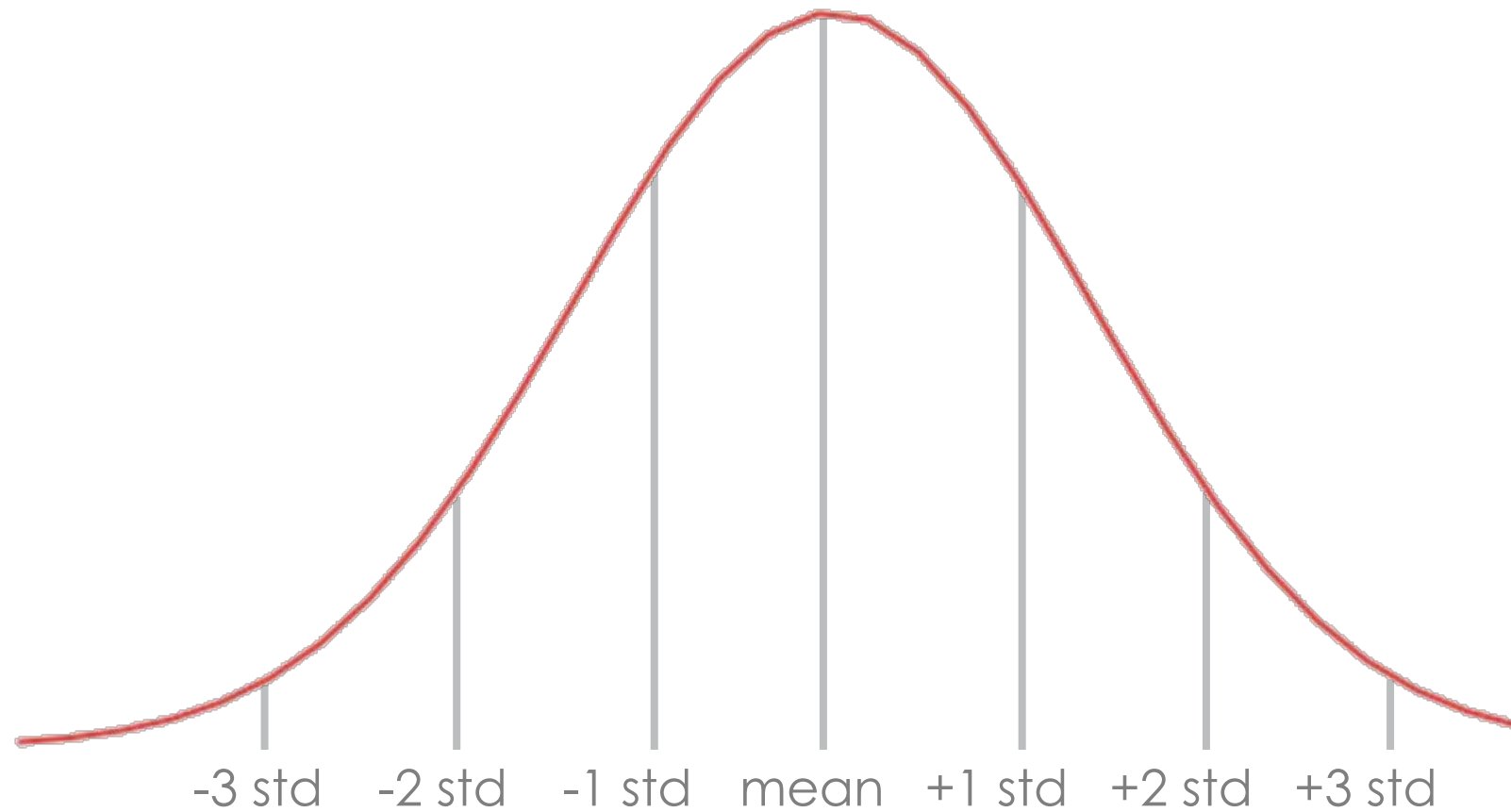


Normalizing

Deep Learning Pre-Work

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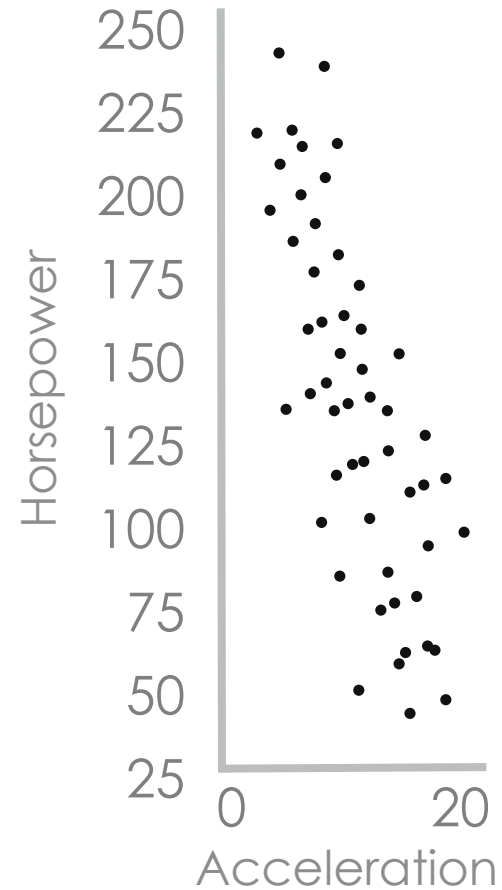
Normal Distribution



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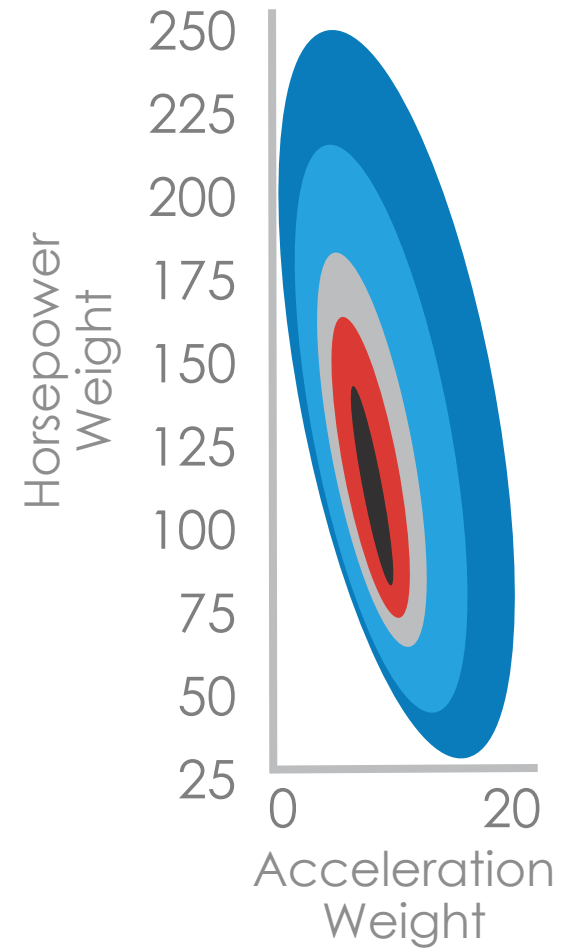
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Un-normalized features



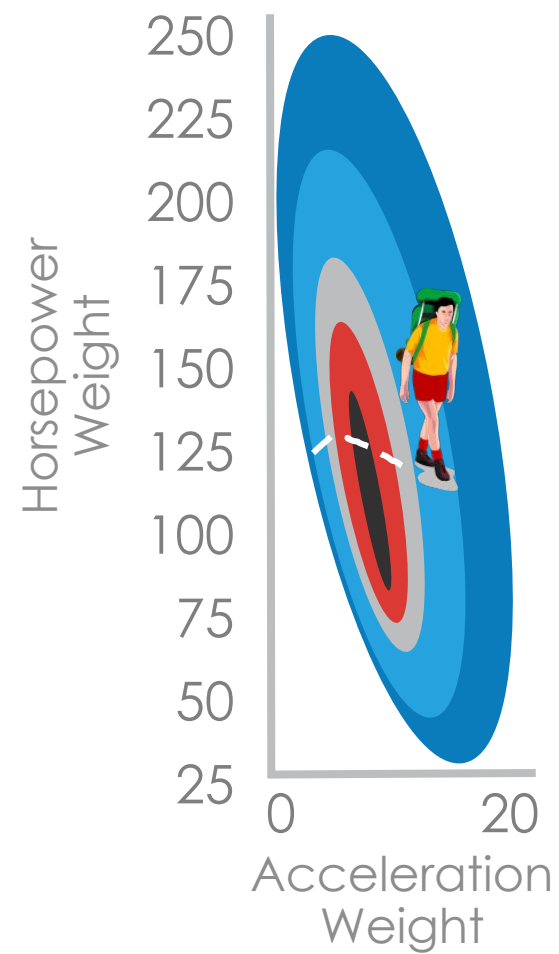
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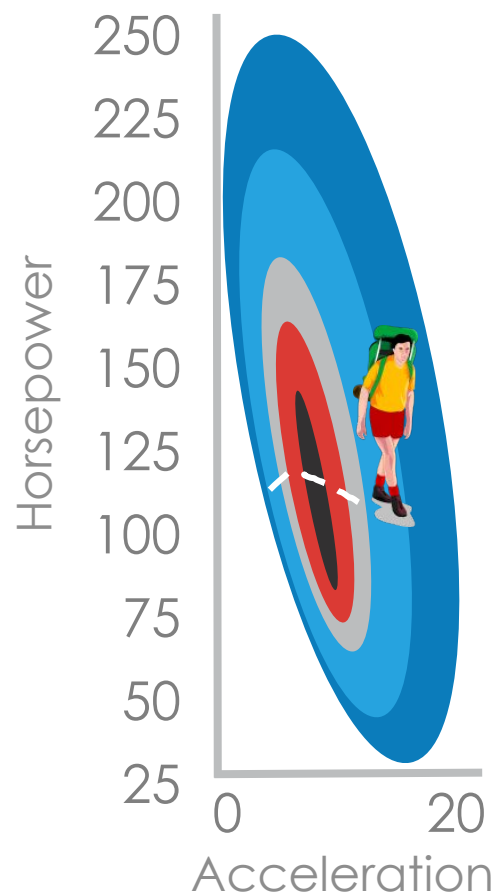
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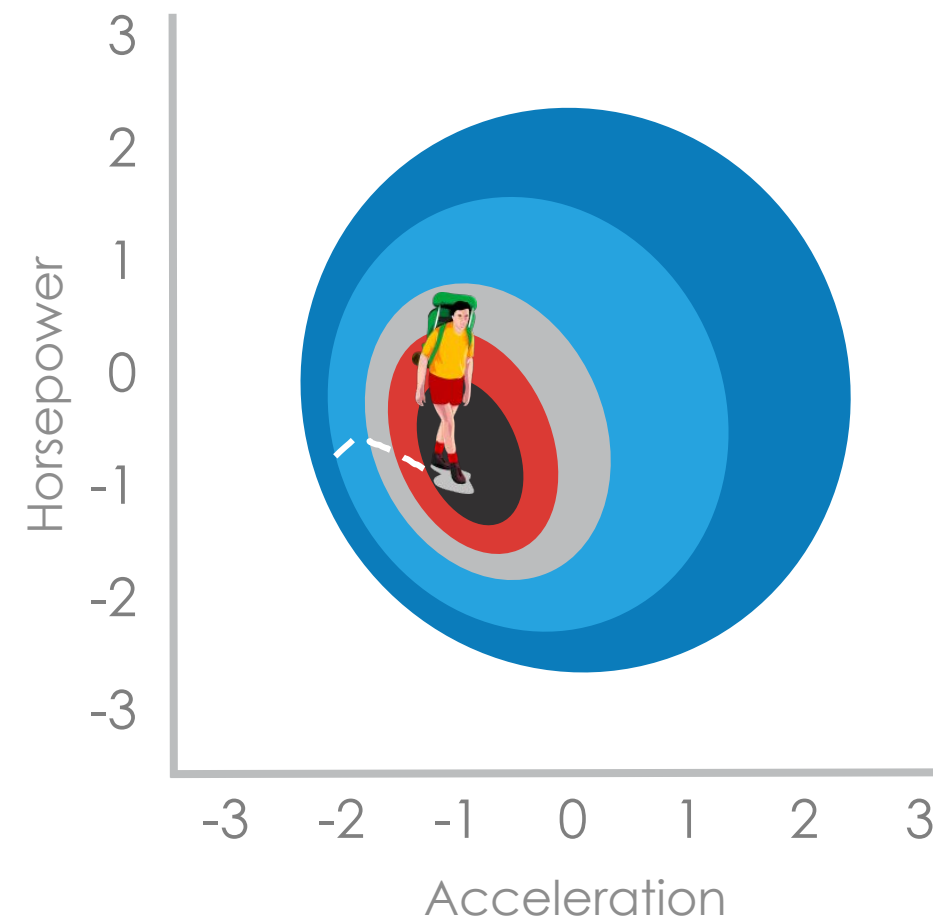
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Before normalizing



After normalizing

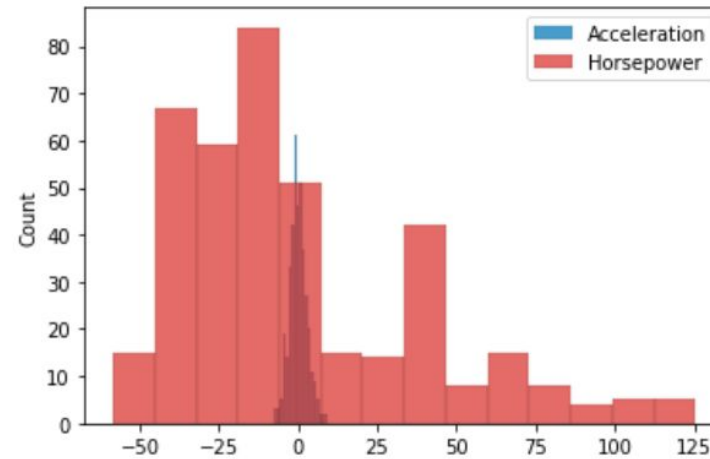
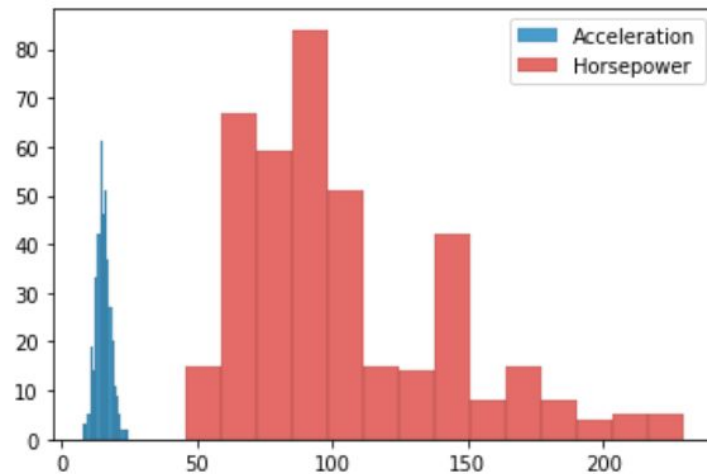


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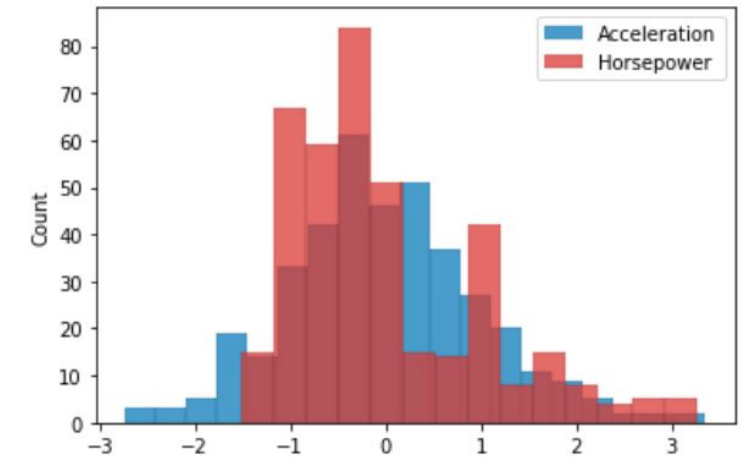
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Normalizing

Step #1: Subtract mean



Step #2: Divide by std



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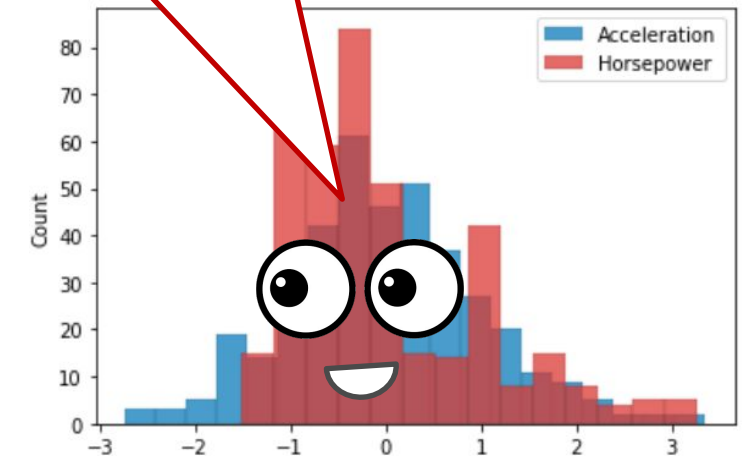
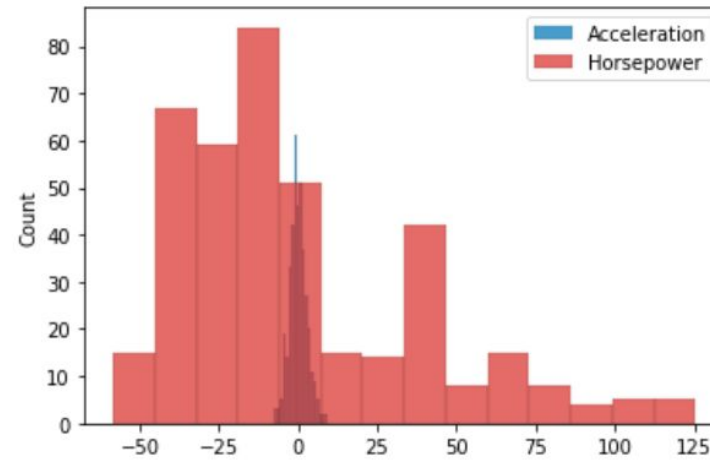
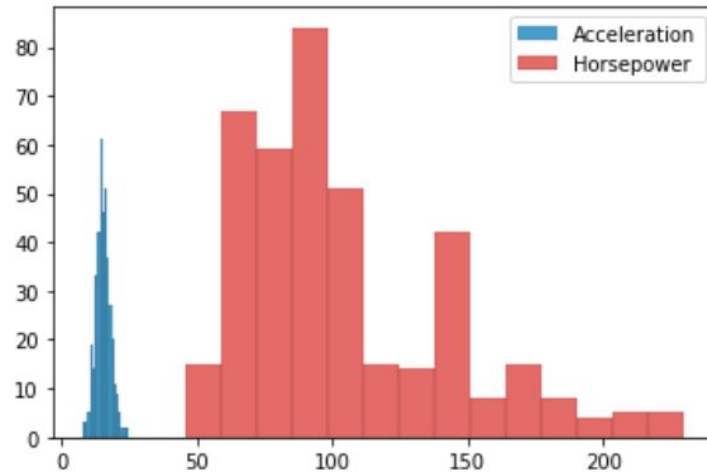
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Normalizing

I'm normal!

Step #1:
Subtract mean

Step #2:
Divide by std



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