Refer: https://towardsdatascience.com/stochastic-gradient-descent-with-momentum-a84097641a5d

 $\hbox{Correction:} @ 6:20 \hbox{ we wrote, } w'=w\_t-gamma*v\_t-1 \hbox{ but i should be } w'=w\_t-1-gamma*v\_t-1 \\$