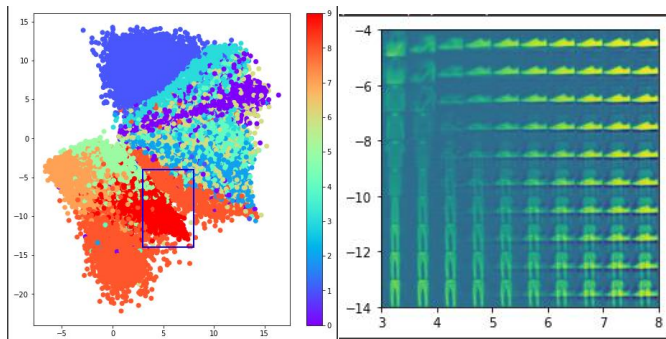


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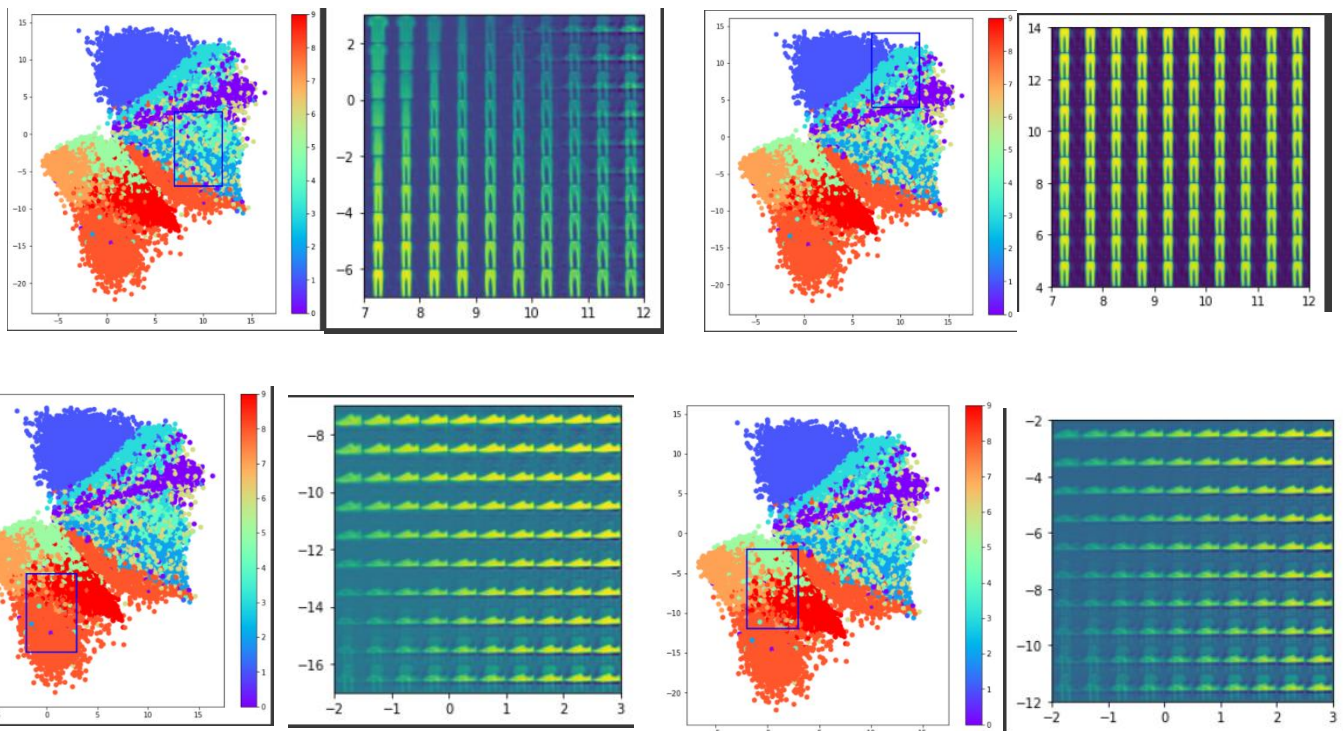
Example and Exercise 2.2

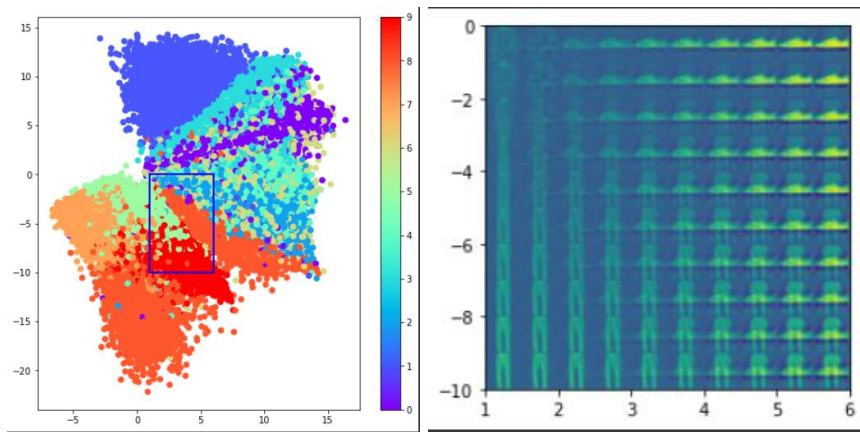
I selected areas that has high density

```
# select_area = [x,y,width,height]
select_area = [3,-14,5,10]
plot_latent_space(image_list2,label_list2,select_area)
plot_reconstructed(model,select_area)
```



Because the steps in the exercise and the example is similar so I directly go to the select 5 areas with high density values in the diagram. These are all achieved by selecting the x and y coordinates in the select_area variable and may also be changed by modifying the width and height of the box





It is seen that the area with high density of values will produced an output image that is much clearer