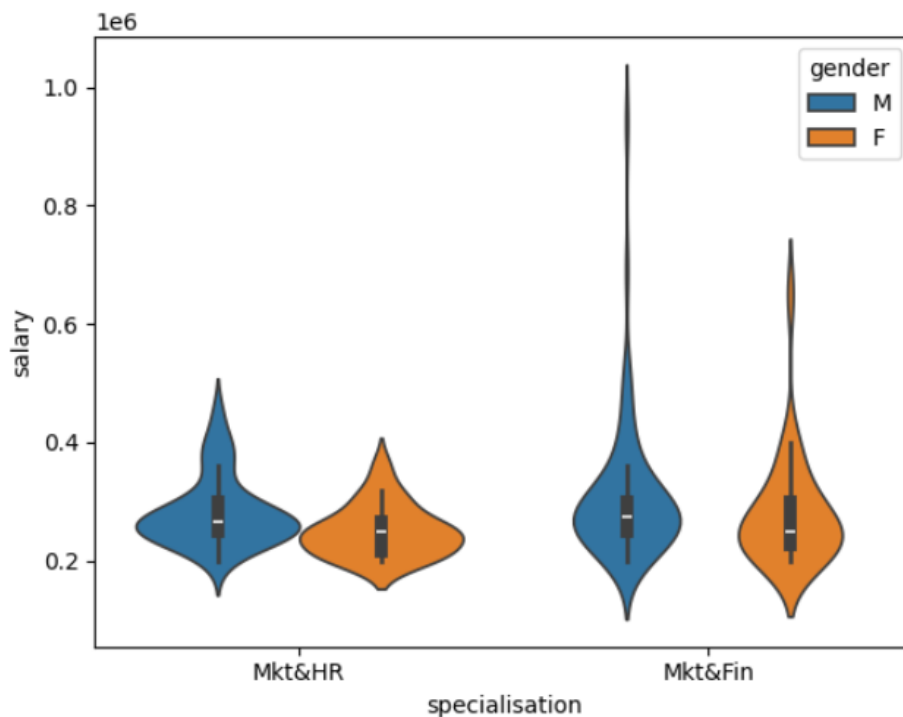# Summarization of violin plot

```
sb.violinplot(x="specialisation",y="salary",data=dataset,hue="gender")
plt.show()
```


This violin shows the information between the salary and specialisation column with respect to gender.

Compared to Mkt&HR ,Mkt&Fin department students are getting placed well. When we talk about the peaks of the violin , Mkt&HR has wide peaks, which means lot of students are getting placed with almost same salary. Whereas Mkt&Fin has narrow peaks which means, peak of student's salary between 2 lakhs to 3.5lakhs.

Mkt&HR student's salary peaks stops by around 5.5 Lakhs where as Mkt&Fin student's salary peaks stops by 9Lakhs.

In both specialisation male getting more salary than female.

On the whole, Mkt&Fin department students learned and placed well. Their department staffs were taught them well.