

DS 303  
Intro to ML



Office - 11:30 to 12  
wed

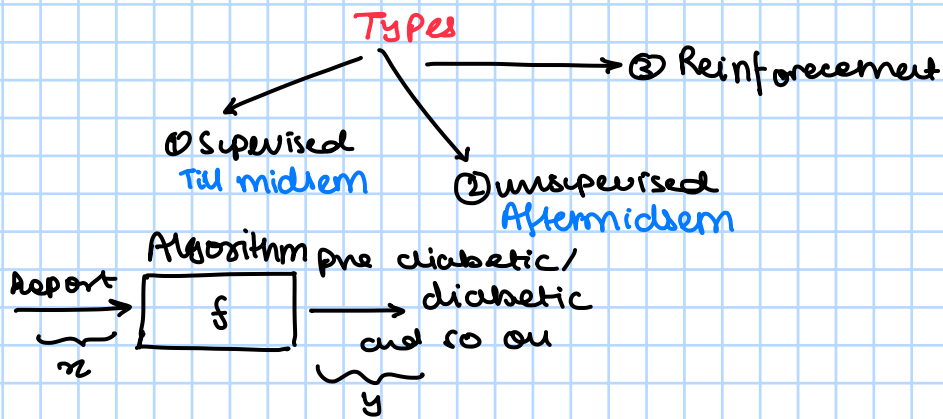
5 Quizzes / Assig - 10  
2 Quiz / Assig - Bef  
2 After midsem<sup>midsem</sup>  
4/5 Best Consider  
midsem 25  
endsem 35  
29<sup>th</sup> Jan - Quiz 1  
12<sup>th</sup> Feb - Quiz 2  
19<sup>th</sup> Apr - Quiz 3  
9<sup>th</sup> April - Quiz 4  
Quiz 5 - TBA

Policy - Carry 1 note  
book

Books - See  
slides, Pattern  
recognition and  
ML

8<sup>th</sup> Jan:

- ① How are ml libraries are working
- ② Optimisation used



mapping  $f: x \rightarrow y$

$x \in \mathbb{R}^{30}$ ,  $y \in \mathbb{Q}^3$   
Both are vectors

$\sum (f(x) - y_i) \rightarrow \text{minimise error}$

