

Q1. i. The first photo shows a mockup of a homepage and a link to a web based resume of mine.

ii. The user has two options. First if they click on the resume button(bottom left) it will take them to the second web page. The Github buttons (center) will take them to my github page.

iii. My interface will be more beneficial than just a web link to a resume pdf because I can provide links to github pages and present my skills in a more pleasing way then just a pdf page.

Q2 A)

Outlook	Temp	Humidity	Windy	Play	Given Decision tree prediction (and correctness)	New Decision Trees Prediction
Sunny	Hot	High	False	No	No (Correct)	No (Correct)
Sunny	Hot	High	True	No	No (Correct)	No (Correct)
Overcast	Hot	High	False	Yes	Yes (Correct)	Yes (Correct)
Rainy	Mild	High	False	Yes	Yes (Correct)	Yes (Correct)
Rainy	Cool	Normal	False	Yes	No (Wrong)	Yes (Correct)
Rainy	Cool	Normal	True	No	No (Correct)	No (Correct)
Overcast	Cool	Normal	True	Yes	Yes (Correct)	Yes (Correct)
Sunny	Mild	High	False	No	No (Correct)	No (Correct)
Sunny	Cool	Normal	False	Yes	Yes (Correct)	Yes (Correct)
Rainy	Mild	Normal	False	Yes	Yes (Correct)	Yes (Correct)
Sunny	Mild	Normal	True	Yes	Yes (Correct)	Yes (Correct)
Overcast	Mild	High	True	Yes	Yes (Correct)	Yes (Correct)
Overcast	Hot	Normal	False	Yes	Yes (Correct)	Yes (Correct)
Rainy	Mild	High	True	No	Yes (Wrong)	No (Correct)

B) If it's Raining check if it's windy and not the temp. If windy is true, then mark play as no and if windy is false mark play as yes.