

(SECJ1013) PROGRAMMING TECHNIQUE 1

SEM 1, SESSION 2023/2024

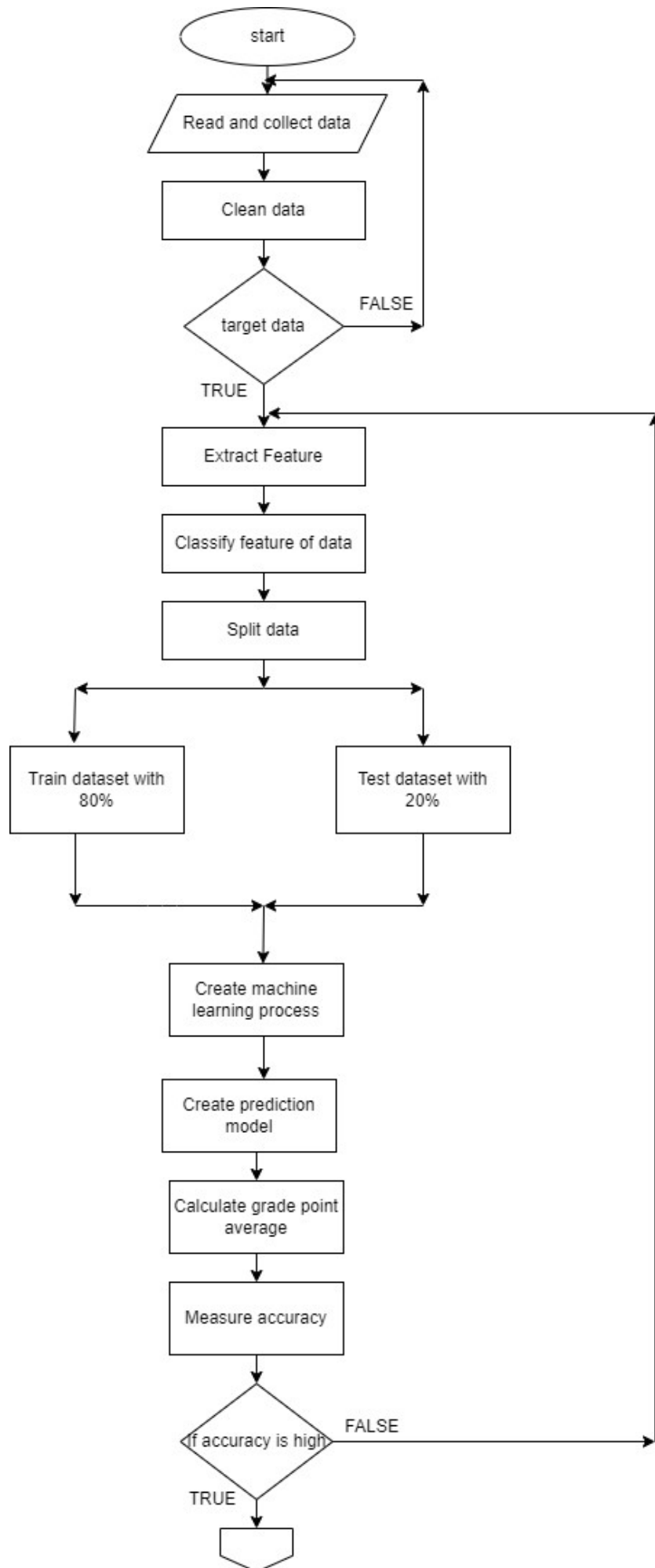
LAB EXERCISE 1

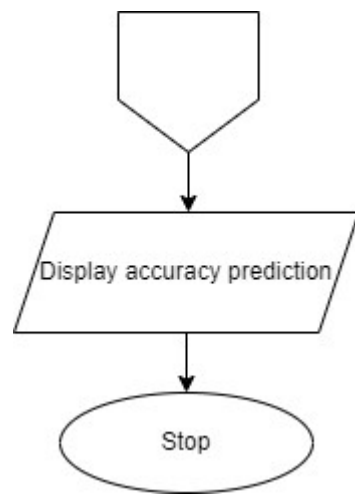
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COURSE : DATA ENGINEERING

SET 1:





SET 2:

1. Start
2. Deposit = 0.1
3. Get the name, duration, package, customer_Type
4. If customer_type = regular
 - 4.1. Yes, discount = 0.10
5. Else if customer_type = normal
 - 5.1. Yes, output “no discount”
6. End if
7. If package = 1
 - 7.1 Yes, rental price per night = 150
8. Else if package = 2
 - 8.1 Yes, rental price per night = 250
9. End if
10. price = rental * duration
11. deposit_payment = deposit * price
12. total_discount = discount * price
13. balance = price - total_discount
14. Display name, deposit_payment, total_discount, balance
15. End

Set 3

1. Start
2. Read input num
3. Set product = 1, digit = 1
4. While num != 0
 - 4.1. digit = num % 10
 - 4.2. product = digit * product
 - 4.3. num = num / 10
5. End while
6. If product % == 4 and product % == 5
 - 6.1. Yes, output print "product is a multiple of 4 and 5"
7. Else if product % == 4 and product % == 7
 - 7.1. Yes, output print "product is a multiple of 4 and 7"
8. Else if product % == 5 and product % == 7
 - 8.1. Yes, output print "product is a multiple of 5 and 7"
9. Else if product % == 4
 - 9.1. Yes, output print "product is a multiple of 4"
10. Else if product % == 5
 - 10.1 Yes, output print "product is a multiple of 5"
11. Else if product % == 7
 - 11.1 Yes, output print "product is a multiple of 7"
12. Else
 - 12.1 output print product
13. End if
14. Stop

SET 4:

