C:\Users\Anisha\AppData\Local\Programs\Python\Python35\python.exe C:/Users/Anisha/Desktop/Nightjar/apriori\_6.py

Read 20000 transactions successfully..

################### Generating unique items ###################

1. 1

2. 19

3. 5

4. 35

5. 42

6. 44

7. 10

8. 17

9. 26

10. 27

11. 28

12. 31

13. 32

14. 2

15. 18

16. 22

17. 46

18. 23

19. 24

20. 40

21. 41

22. 43

23. 4

24. 9

25. 13

26. 47

27. 45

28. 15

29. 29

30. 37

31. 48

32. 25

33. 12

34. 16

35. 7

36. 11

37. 39

38. 49

39. 20

40. 21

41. 36

42. 6

43. 0

44. 3

45. 30

46. 38

47. 8

48. 33

49. 14

50. 34

Enter the minimum support :: 0.01

################### Generating Frequent 1 item-set ###################

1. ['1'] | 0.086

2. ['19'] | 0.07595

3. ['5'] | 0.08465

4. ['35'] | 0.0927

5. ['42'] | 0.0924

6. ['44'] | 0.07215

7. ['10'] | 0.04055

8. ['17'] | 0.07635

9. ['26'] | 0.0424

10. ['27'] | 0.08645

11. ['28'] | 0.09865

12. ['31'] | 0.071

13. ['32'] | 0.0817

14. ['2'] | 0.0753

15. ['18'] | 0.09125

16. ['22'] | 0.09185

17. ['46'] | 0.08225

18. ['23'] | 0.06945

19. ['24'] | 0.06825

20. ['40'] | 0.06655

21. ['41'] | 0.06845

22. ['43'] | 0.06215

23. ['4'] | 0.092

24. ['9'] | 0.0845

25. ['13'] | 0.04275

26. ['47'] | 0.07675

27. ['45'] | 0.1036

28. ['15'] | 0.0767

29. ['29'] | 0.0695

30. ['37'] | 0.07315

31. ['48'] | 0.0653

32. ['25'] | 0.0445

33. ['12'] | 0.06925

34. ['16'] | 0.0839

35. ['7'] | 0.10985

36. ['11'] | 0.07415

37. ['39'] | 0.04115

38. ['49'] | 0.0711

39. ['20'] | 0.04155

40. ['21'] | 0.0433

41. ['36'] | 0.06755

42. ['6'] | 0.0426

43. ['0'] | 0.08365

44. ['3'] | 0.08365

45. ['30'] | 0.04205

46. ['38'] | 0.04425

47. ['8'] | 0.0427

48. ['33'] | 0.0817

49. ['14'] | 0.0843

50. ['34'] | 0.0446

################### Generating Frequent 2 item-set ###################

51. ['1', '19'] | 0.037

52. ['5', '22'] | 0.04335

53. ['35', '18'] | 0.05255

54. ['35', '3'] | 0.04335

55. ['42', '33'] | 0.0439

56. ['44', '14'] | 0.0357

57. ['17', '47'] | 0.03675

58. ['17', '29'] | 0.03055

59. ['27', '28'] | 0.04855

60. ['31', '48'] | 0.0241

61. ['31', '12'] | 0.02875

62. ['31', '36'] | 0.0286

63. ['32', '45'] | 0.0351

64. ['32', '16'] | 0.04185

65. ['2', '46'] | 0.0357

66. ['2', '0'] | 0.03585

67. ['18', '3'] | 0.04365

68. ['46', '0'] | 0.04405

69. ['23', '24'] | 0.02845

70. ['23', '40'] | 0.02795

71. ['23', '41'] | 0.02775

72. ['23', '43'] | 0.02265

73. ['24', '40'] | 0.02775

74. ['24', '41'] | 0.0284

75. ['24', '43'] | 0.0223

76. ['40', '41'] | 0.02685

77. ['40', '43'] | 0.02235

78. ['41', '43'] | 0.02235

79. ['4', '9'] | 0.04455

80. ['47', '29'] | 0.03095

81. ['45', '37'] | 0.03085

82. ['45', '16'] | 0.0357

83. ['45', '7'] | 0.0317

84. ['45', '11'] | 0.03085

85. ['15', '7'] | 0.03675

86. ['15', '49'] | 0.03015

87. ['37', '7'] | 0.03625

88. ['37', '11'] | 0.03595

89. ['48', '12'] | 0.02305

90. ['48', '36'] | 0.02355

91. ['12', '36'] | 0.0281

92. ['7', '11'] | 0.03725

93. ['7', '49'] | 0.0293

################### Generating Frequent 3 item-set ###################

94. ['18', '35', '3'] | 0.041

95. ['47', '17', '29'] | 0.02825

96. ['31', '48', '12'] | 0.02115

97. ['31', '48', '36'] | 0.02125

98. ['31', '12', '36'] | 0.026

99. ['48', '12', '36'] | 0.0211

100. ['32', '45', '16'] | 0.0326

101. ['45', '37', '7'] | 0.02815

102. ['45', '37', '11'] | 0.02825

103. ['45', '7', '11'] | 0.0282

104. ['46', '2', '0'] | 0.0339

105. ['23', '24', '40'] | 0.02555

106. ['23', '24', '41'] | 0.0256

107. ['23', '24', '43'] | 0.02055

108. ['23', '40', '41'] | 0.02565

109. ['23', '40', '43'] | 0.02065

110. ['23', '41', '43'] | 0.0205

111. ['24', '40', '41'] | 0.0256

112. ['24', '40', '43'] | 0.02055

113. ['24', '41', '43'] | 0.02055

114. ['40', '41', '43'] | 0.02055

115. ['37', '7', '11'] | 0.03415

116. ['7', '15', '49'] | 0.02695

################### Generating Frequent 4 item-set ###################

117. ['31', '48', '12', '36'] | 0.021

118. ['45', '7', '37', '11'] | 0.0281

119. ['40', '23', '24', '41'] | 0.02545

120. ['40', '23', '24', '43'] | 0.0204

121. ['40', '23', '41', '43'] | 0.02045

122. ['40', '24', '41', '43'] | 0.02045

123. ['23', '24', '41', '43'] | 0.0204

################### Generating Frequent 5 item-set ###################

124. ['40', '41', '23', '24', '43'] | 0.0204

################### Generating Frequent 6 item-set ###################

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Enter a minimum confidence :: 0.25

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2. ['19'] -> ['1'](0.4871626069782752) | 0.08795

3. ['5'] -> ['22'](0.5121086828115771) | 0.0898

4. ['35'] -> ['18'](0.5668824163969794) | 0.07885

5. ['35'] -> ['3'](0.46763754045307443) | 0.08965000000000001

6. ['35'] -> ['18', '3'](0.44228694714131606) | 0.05435

7. ['42'] -> ['33'](0.4751082251082251) | 0.0863

8. ['44'] -> ['14'](0.49480249480249483) | 0.08505

9. ['17'] -> ['47'](0.481335952848723) | 0.0796

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12. ['27'] -> ['28'](0.5615962984384038) | 0.088

13. ['28'] -> ['27'](0.49214394323365435) | 0.088

14. ['31'] -> ['48'](0.33943661971830985) | 0.0881

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157. ['7'] -> ['11'](0.33909877105143377) | 0.1095

158. ['7'] -> ['49'](0.26672735548475196) | 0.12234999999999999

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The average dissociation is 0.05361595441595438

The average confidence is 0.6120191942440674

--- Execution Time :: 4062.9027099609375 seconds ---

Process finished with exit code 0