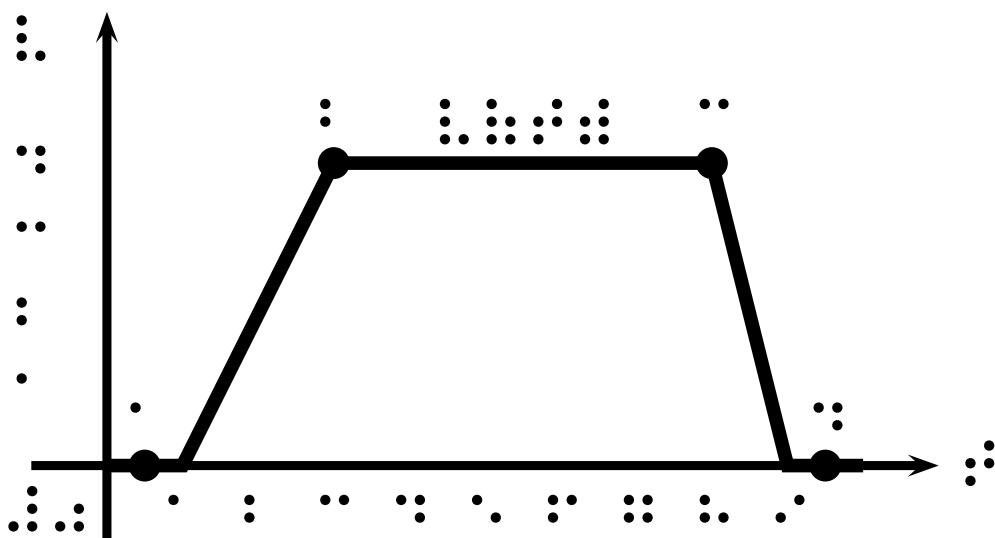
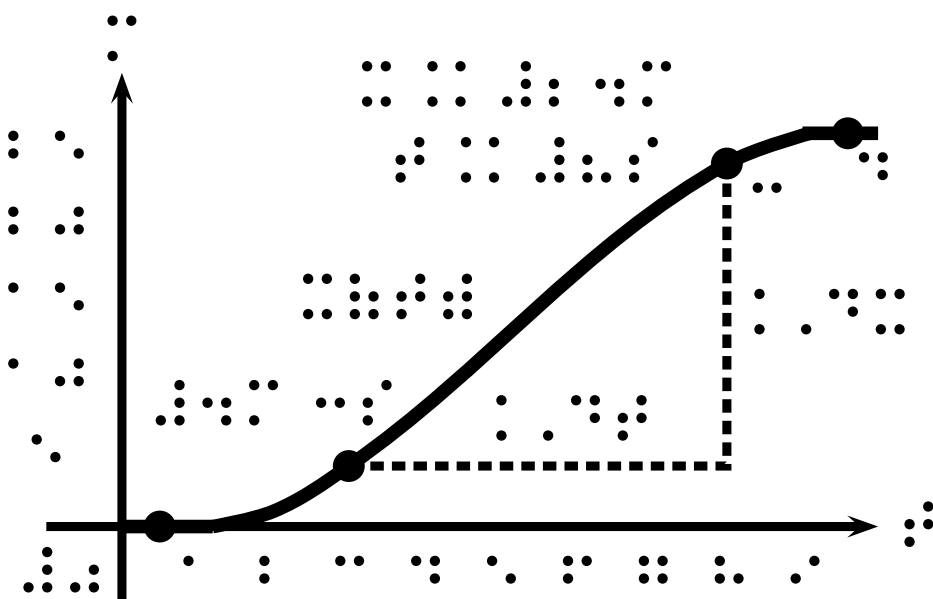
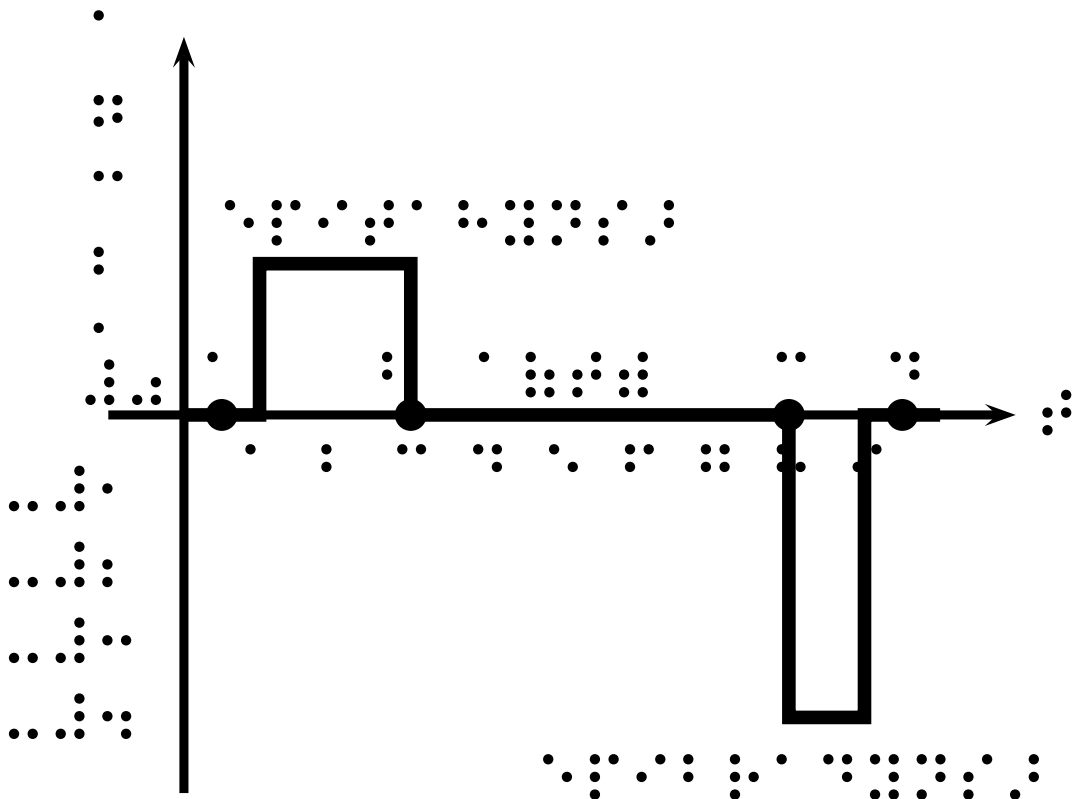
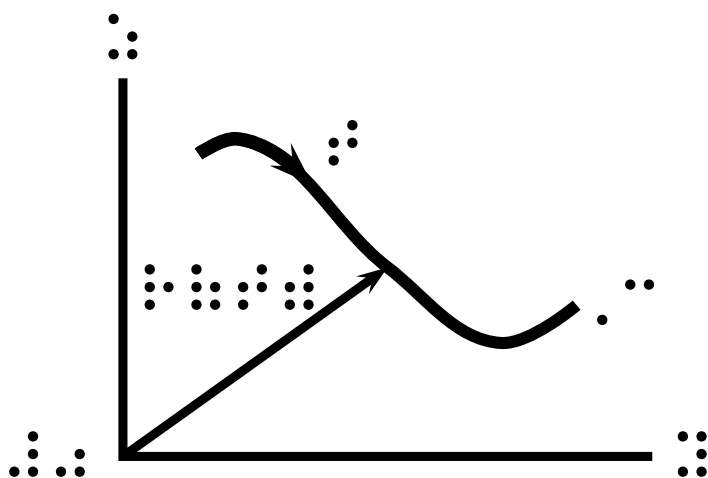


1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.





Scattered data points representing a noisy fit.



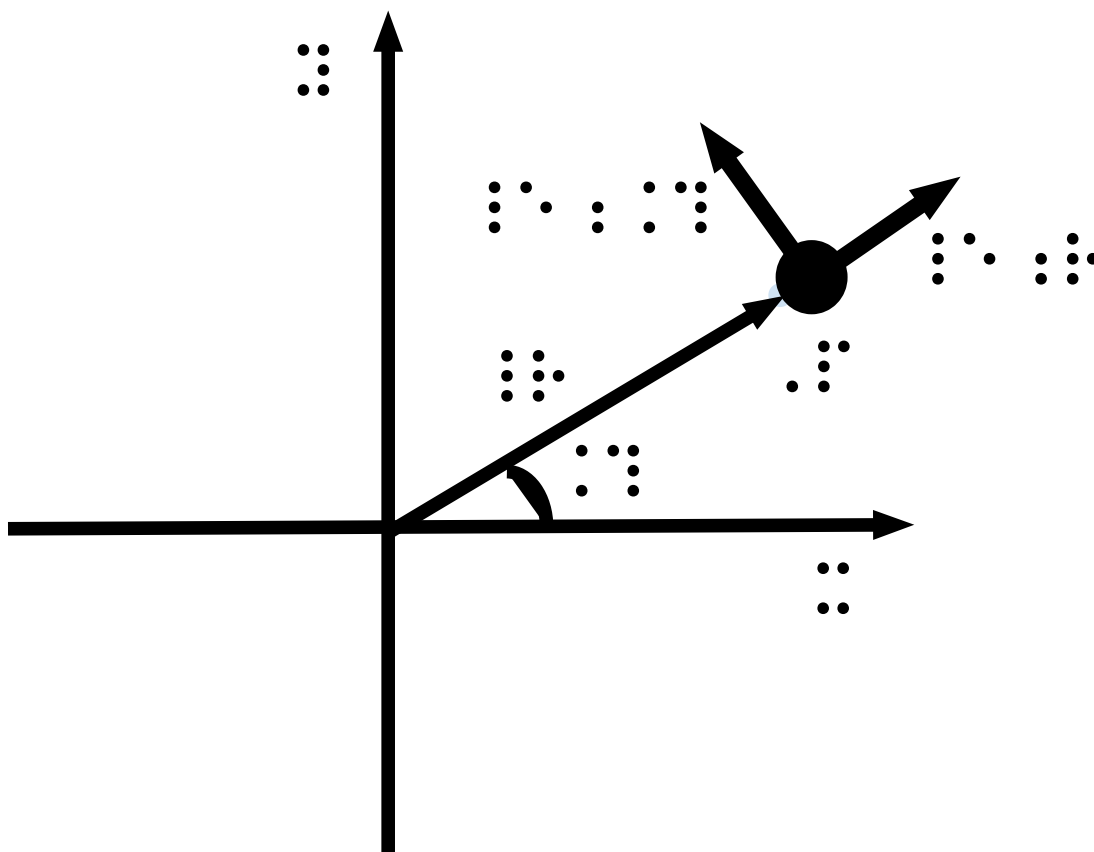
1. The first step is to identify the data points and their corresponding labels. In this case, the data points are represented by the dots in the grid, and the labels are the numbers 1 through 9.

2. The next step is to calculate the distance between each data point and the center of the grid. This is done by using the Euclidean distance formula, which is the square root of the sum of the squared differences between the coordinates of the point and the center.

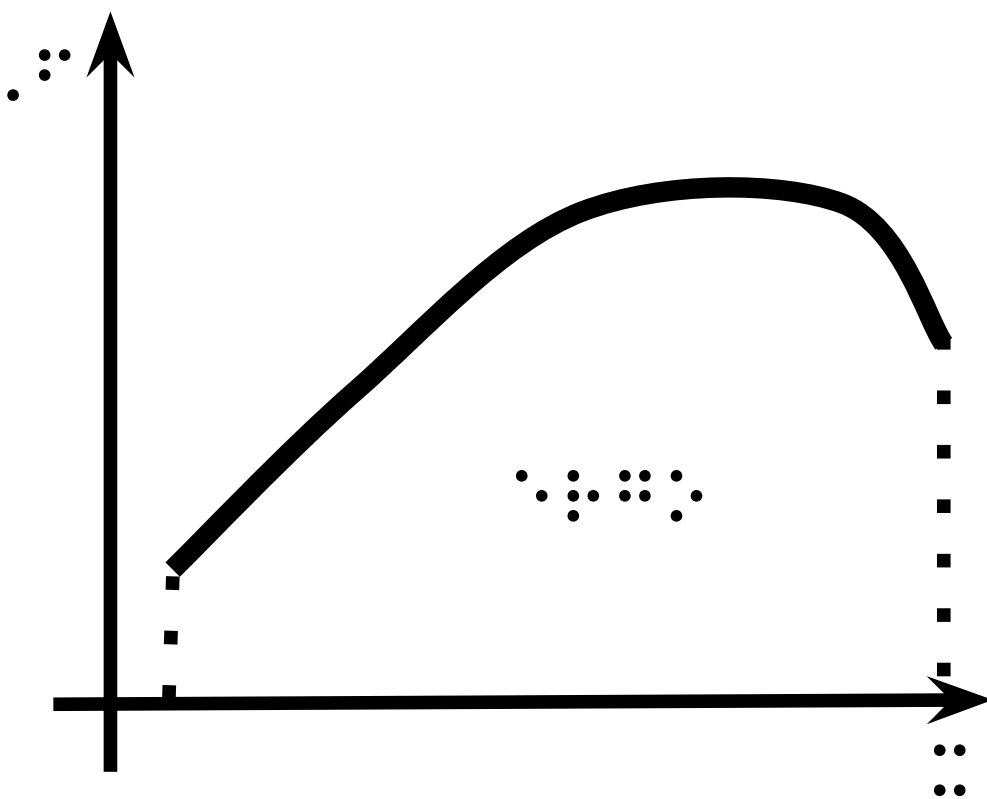
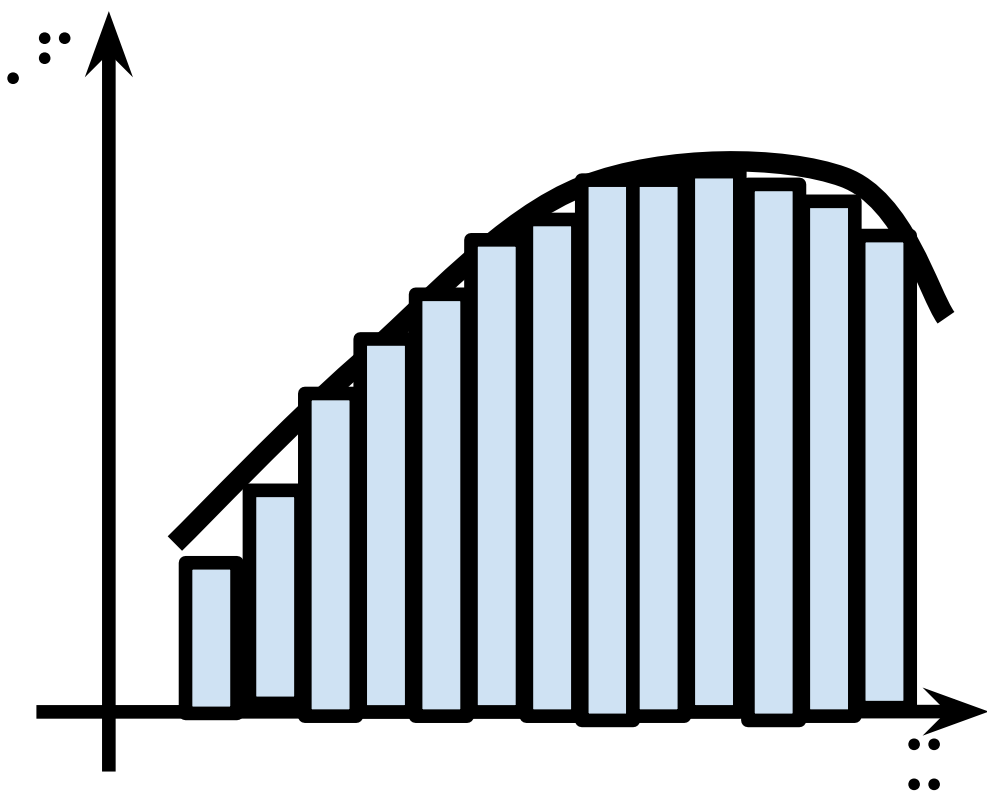
3. Once the distances are calculated, the data points are sorted in ascending order of distance from the center. This means that the points closest to the center will be at the beginning of the list, and the points furthest from the center will be at the end.

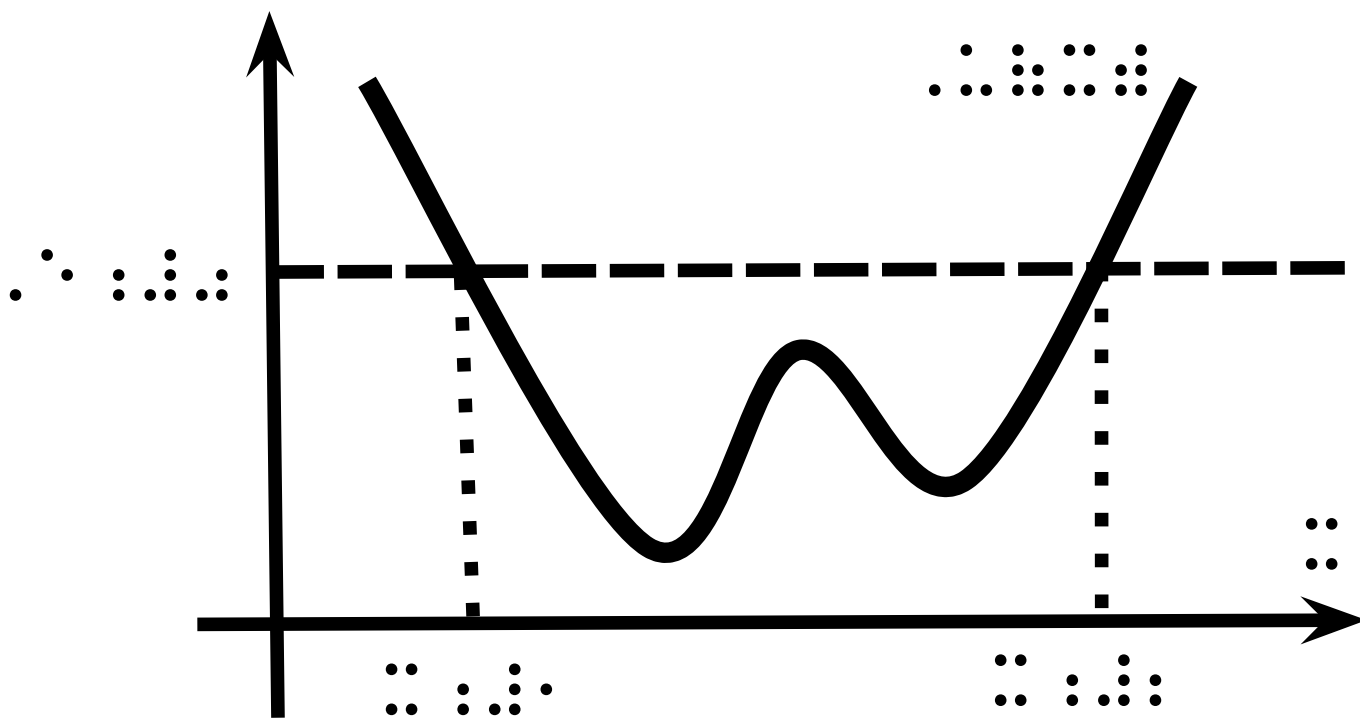
4. The final step is to assign the labels to the data points based on their sorted order. The first point in the sorted list is assigned the label 1, the second point is assigned the label 2, and so on, up to the ninth point which is assigned the label 9.

5. The resulting labeled data points are then used to train a machine learning model. The model learns the relationship between the spatial distribution of the points and the labels, and is able to predict the label for new, unseen data points.



The image shows three dot patterns. The first pattern, representing the number 1, consists of 10 dots arranged in a vertical column with a small horizontal bar at the top. The second pattern, representing the number 2, consists of 10 dots arranged in a horizontal row with a small vertical bar on the left. The third pattern, representing the number 3, consists of 10 dots arranged in a horizontal row with a small vertical bar on the right.





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