

A diagram of a cell. It features a large, clear central vacuole that occupies most of the cell's interior. The vacuole is bounded by a thin membrane. Inside the vacuole, there are two distinct clusters of organelles: one cluster of blue dots (mitochondria) and another cluster of red dots (chloroplasts). The cell is enclosed by a thick, dark outer boundary. The overall shape is roughly oval.

A scatter plot illustrating a classification problem with three classes of data points. The x-axis and y-axis both range from -20 to 20. The cyan points form a large arc on the left side of the plot. The magenta points form a large arc on the right side of the plot. The grey points form two clusters in the center of the plot.

A scatter plot with x and y axes ranging from -30 to 30. It displays three distinct clusters of data points. The first cluster is a large ring of blue points, approximately 25 pixels thick, centered at the origin. The second cluster is a smaller, roughly circular group of magenta points located in the upper-left quadrant, centered around (-15, 5). The third cluster is a smaller, roughly circular group of cyan points located in the upper-right quadrant, centered around (15, 5). Each cluster is surrounded by a semi-transparent gray halo of the same color, indicating a probability distribution or uncertainty.