

A scatter plot showing 1000 data points distributed across a 2D space. The x-axis ranges from approximately 56200 to 57400, and the y-axis ranges from approximately 100 to 1000. The points are colored based on their category, as indicated by the legend in the top right corner:

- g** (purple)
- r** (cyan)
- i** (light green)
- z** (orange)

The plot displays several distinct clusters of points. A large, dense cluster is located in the upper right quadrant (around x=57000, y=500-600). Another significant cluster is in the lower right quadrant (around x=57300, y=100-200). There are also smaller, more dispersed groups of points in the upper left and lower left areas. The 'z' category (orange) is represented by a single point within the central cluster. The 'g' category (purple) is the most numerous and is spread across most of the plot area. The 'r' category (cyan) and 'i' category (light green) are also well-represented in the clusters.

