Syntax

MakeXYEventLayer_management (table, in_x_field, in_y_field, out_layer, {spatial_reference}, {in_z_field})

Parameter	Explanation	Data Type
table	The table containing the X and Y coordinates that define the locations of the point features to create.	Table View
in_x_field	The field in the input table that contains the x-coordinates.	Field
in_y_field	The field in the input table that contains the y-coordinates.	Field
out_layer	The name of the output point event layer.	Feature Layer
spatial_reference (Optional)	The spatial reference of the coordinates in the X and Y Fields defined above. This will be the output event layer's spatial reference.	Spatial Reference
in_z_field (Optional)	The field in the input table that contains the z-coordinates.	Field