Data Visualization Framework:
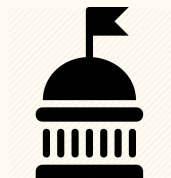## Visualizing Relationships Between Different Categories

By: Justin Ahn (yongjina), Tianyu Gu (tianyug)

Our Framework's Goals

☐ Instead of one area of data (ex: social media, music, sports), a category of data.

☐ Related nodes in one category of data -> strength of relationship.

☐ Other methods of analysis as well -> Node Specific, Relationship Specific

☐ Can be applied to various areas->

- Reddit
- Weather
- Politics

What is a Relationship in terms of Data Categories?

☐ Some discrete thinking involved…

☐ Lets think about this in terms of Object A, Object B

☐ The case of Reddit?

☐ Thus -> Our framework's data structure & role of data plug-ins.

Data structure design:

☐ Keep all the categories
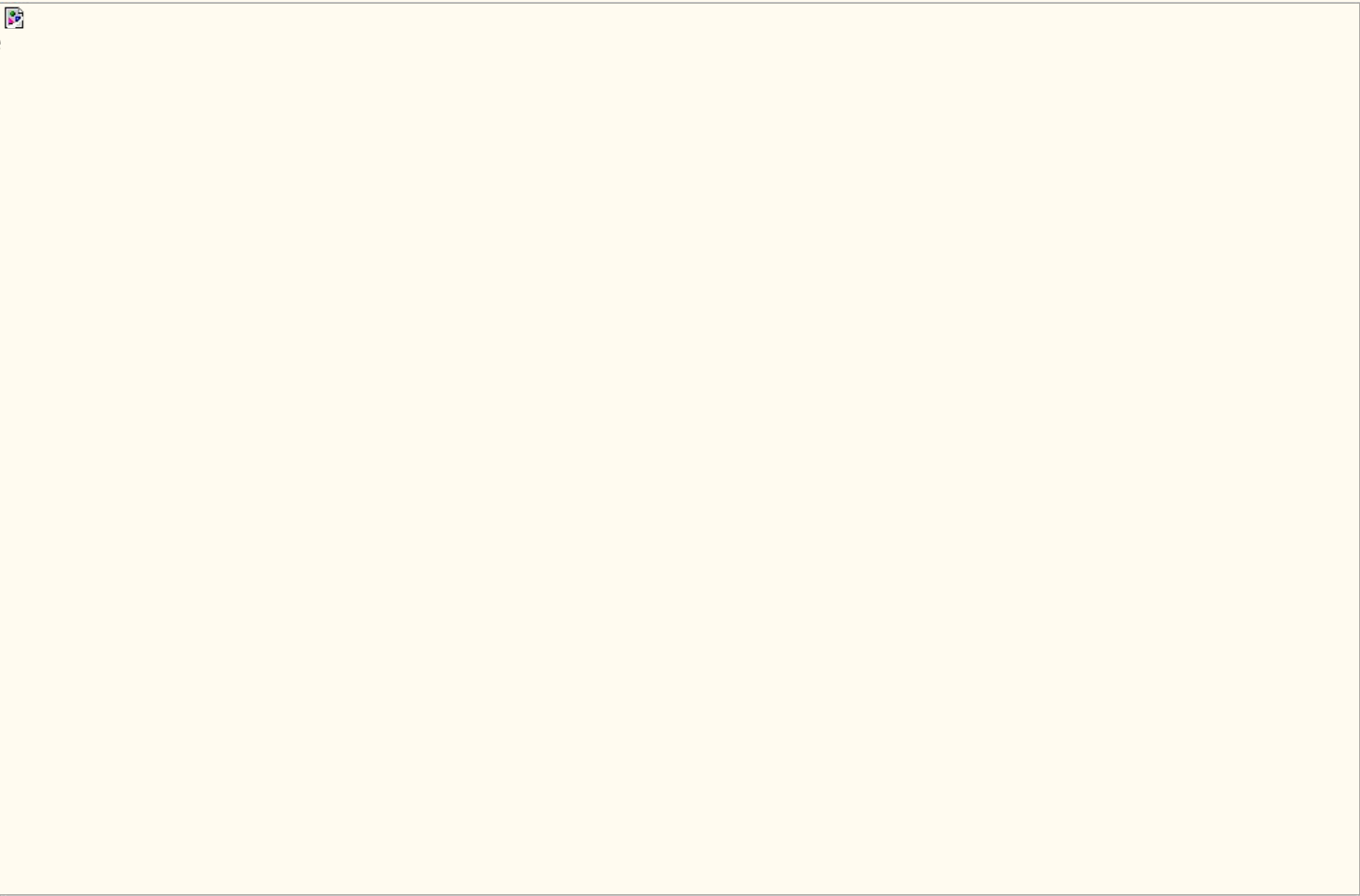
☐ one specific category

Plugin design:

☐ plugin to
get input data

☐ plugin to
Visualize data

☐ plugin to
Analyze data

Framework Architecture

Examples of Framework Usage

☐ Allows for extreme creativity in data, analysis, and visualization!