Temporal Graph Embedding

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Abstract—
Index Terms—

I. INTRODUCTION

To start this paper out, let's first create a level playing field for all readers by laying out what exactly a Graph is, how it can change over time and what is meant when we talk about embedding.

A. Graphs

Using Graphs -¿ Thus explaing

B. Definition

G = (V, E)

C. Temporal Graphs

$$G = G_1, G_2, \ldots, G_t$$

D. Embedding

Graph -; Vectorspace

II. METHODS

A. tbGraphEmbed

Starting paper

B. sub2vec

Is used as comparison in starting paper -¿ Look into

C. Comparison

How do Methods differ -i, nodelevel / Graphlevel?

D. Application

Why do we use Embedding

- 1) Similarity: Differences Between graphs (exp google-trends)
 - 2) Anomaly: Where does it differ

III. CONCLUSION

REFERENCES

[1] Moran Beladev, Lior Rokach, Gilad Katz, Ido Guy, Kira Radinsky, tdGraphEmbed: Temporal Dynamic Graph-Level Embedding, CIKM '20: The 29th ACM International Conference on Information and Knowledge Management, Virtual Event, Ireland, October 19-23, 2020