

A visual analysis of apartment renting in Paris

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ABSTRACT

This is NOT the final version of the report! Writing is still in progress. We apologize for the delay, we are currently working to finish it properly. Please come back later, it will be ready soon. (And again we apologize for the delay).

This work consists in an exploration of apartment renting ads in Paris through visual analysis. Dimensionality reduction is a widely used technique to visualize complex multidimensional data. We show how t-Sne (t-Distributed Stochastic Neighbor Embedding) can be used to represent apartment renting ads in a scatter plot. We discuss the patterns observed in the visualization of thousands of ads, the insights they provide, as well as how such visualizations can be used for recommendation in commercial tools. All the code is open source.

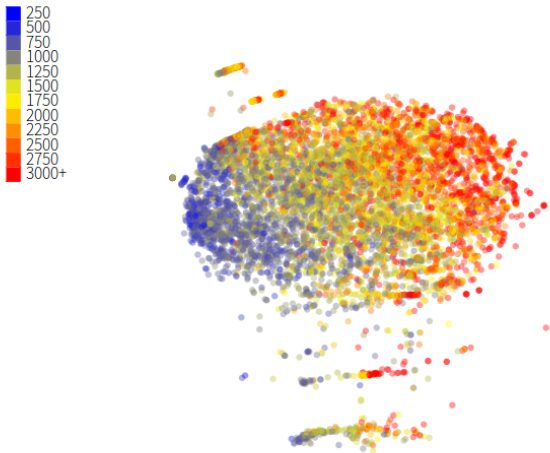


Figure 1: Us: tsne 100

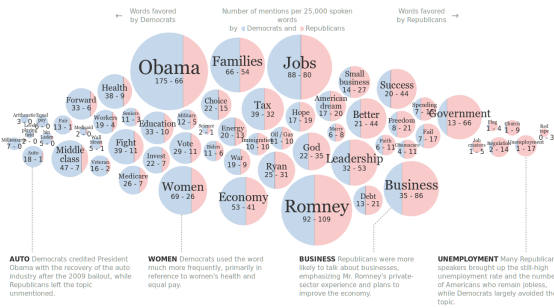


Figure 2: Them

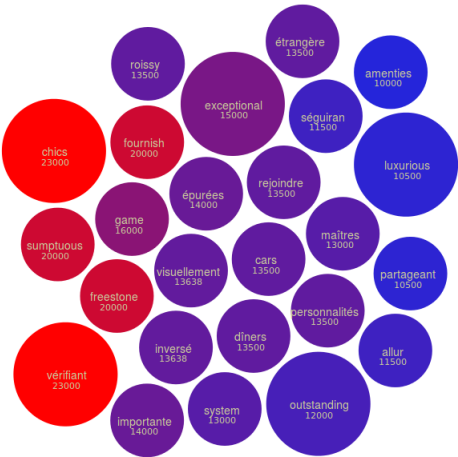


Figure 3: Us: bubbles