

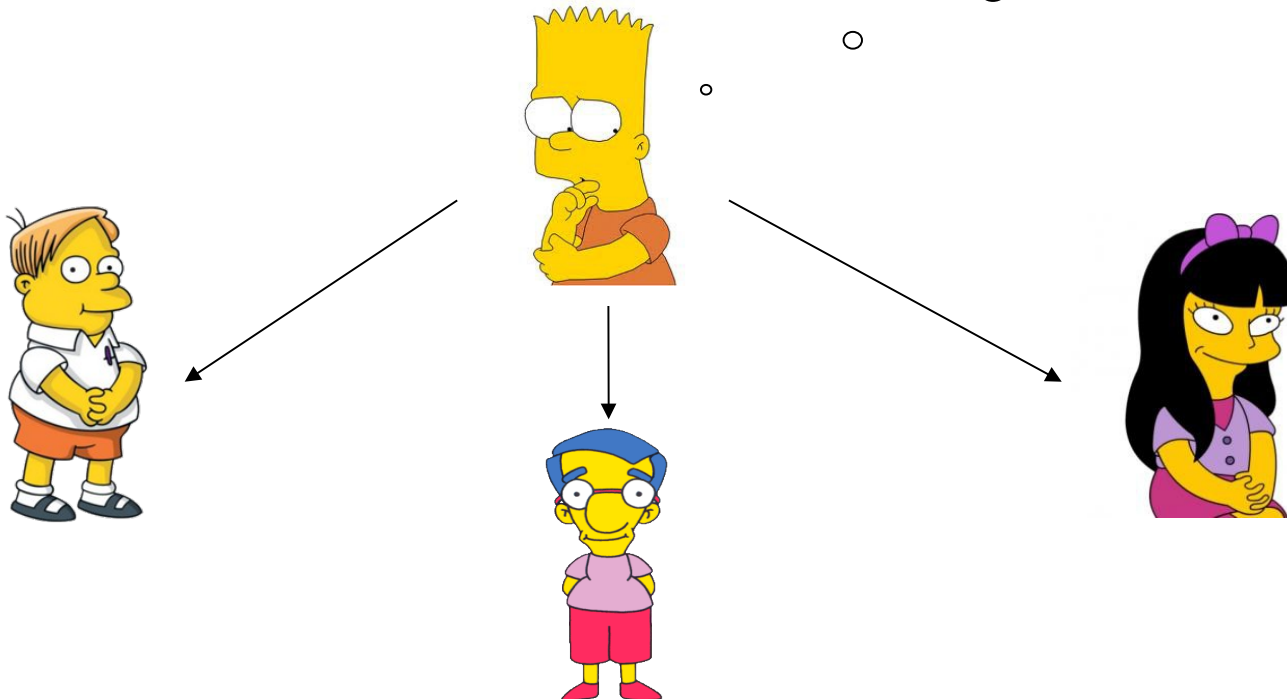
Working with Friends: Unveiling Working Affinity Features from Facebook Data

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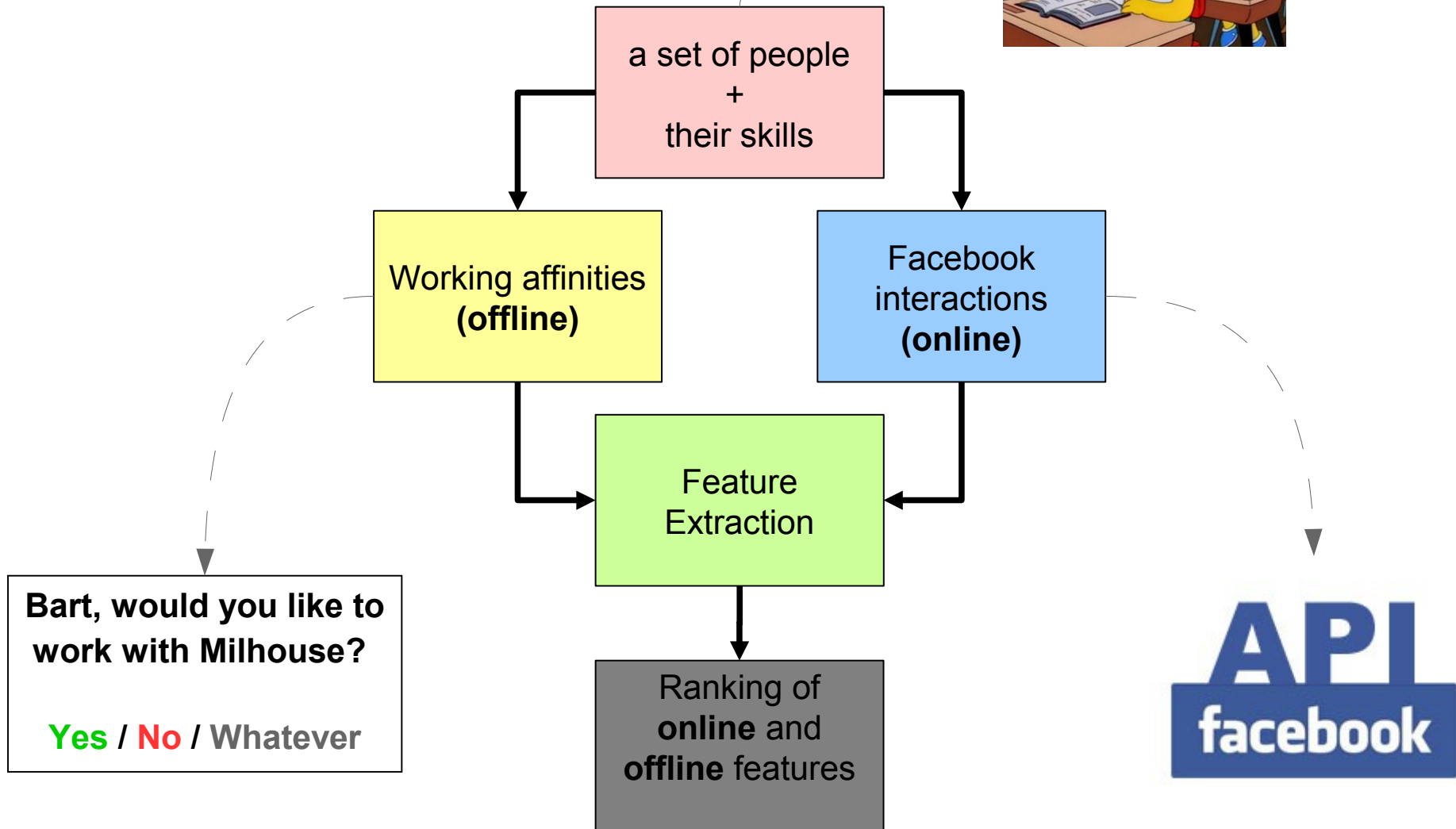
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How to choose a partner for a collaboration



Methodology



The Most Important Features

Feature	Information Gain Rank	χ^2 Rank
<i>Tie Strength #3</i>	1	1
<i>Tie Strength #4</i>	2	2
<i>Similarity #1</i>	3	3
<i>Similarity #3</i>	4	4
<i>Tie Strength #2</i>	5	5
<i>Popularity #1 (source)</i>	6	8
<i>Extroversion #1 (target)</i>	7	6
<i>Tie Strength #1</i>	8	9
<i>Popularity #2 (target)</i>	9	10
<i>Grade (target)</i>	10	7
<i>Extroversion #2 (target)</i>	11	11
<i>Extroversion #2 (source)</i>	12	13
<i>Grade (source)</i>	13	12
<i>Popularity #1 (target)</i>	14	14
<i>Extroversion #1 (source)</i>	15	15
<i>Popularity #2 (source)</i>	16	16
<i>Similarity #2</i>	17	17