University College Dublin
An Coláiste Ollscoile, Baile Átha Cliath

SEMESTER I EXAMINATION – 2015/2016

COMP 47240

Using Text Analytics to Discover Meaning

Prof. S. Dobson

Prof. P. Cunningham

Prof. M. Keane*

Time allowed: 2 hours

Instructions for candidates

Answer any FOUR questions.
All questions carry equal marks.
The paper is marked out of 100.
Use of calculators is prohibited.
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Instructions for invigilators

Use of calculators is prohibited.

1. Three main methods are used to identify sentiments in texts: human ratings, sentiment lexicons and sentiment classifiers.   Describe what each of these involve, while giving examples of each one. Also critically evaluate each of these techniques.

[3   x   8.333%]

[25% overall]

2. What are three broad families of techniques used to process temporal change in Text Analytics. Describe one instance of each type, illustrated with an example and identify when it is appropriate to use one rather than another.

[3   x   8.333%]

[25% overall]

3. Five main processing stages occur in blah blah…

[5 x 5%]
[25% overall]

4. Blah blah…