



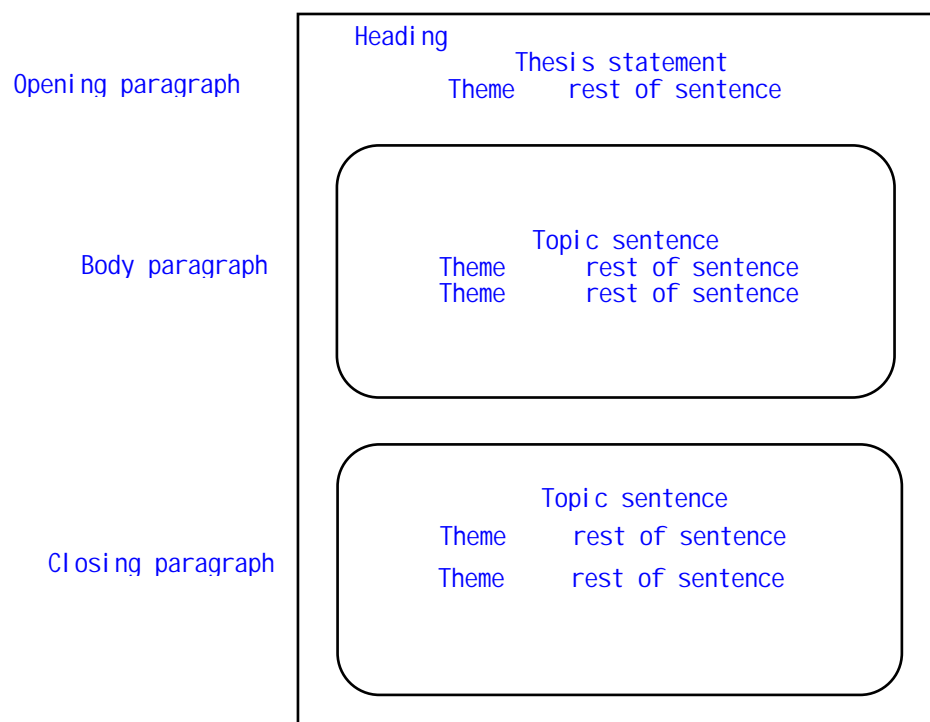
DATA SCIENCE CAPSTONE PROJECT 1

Discourse semantics

is about _____

Coherence	Cohesion
Refers to	Refers to
Making the purpose of your writing clear, so that readers can easily understand the point you are making.	the smooth transition from sentence to sentence and from paragraph to paragraph to maximise reader understanding.
Techniques	Techniques
1) the overall structure of the piece of writing reflects the overall purpose of the writing 2) the structure of each paragraph reflects the purpose of the paragraph 3) the structure of each sentence reflects the purpose of the sentence, and the different levels relate to one another	1) use lexical ties 2) move from known to new ideas 3) avoid unnecessary variation 4) make referents clear

Coherence



Proposed Solution

My proposed solution to build the prediction model is to combine 3 different sources and methods: census data; social media; Google street view.

The first method is using census data. The variables that I will use for the analysis are household income, education level...

The second method is using data from social media networks. The aim here is to measure the growth of local businesses and...

The third method is using image data from Google street view. This method was...

The main strategy of these 3 proposed solutions is to combine the traditional method (first) with the newer ones (second and third) to...

[1] Increasingly, insurance within superannuation is becoming more important in differentiating fund services to members. **[2]** An important consequence of this is increasing complexity compounded by the strategic move of lawyers into the claims process. **[3]** This is evident in the volume of claims to be managed increasing significantly since 2011 with an expectation that it will not diminish in the future. **[4]** Consequently financial administrators will need to provide management services in relation to insurance and the complicated circumstances around specific complaints. **[5]** This is where we come in.

Septimus Wigglesworth Financial Advisory Services are able to provide the best services for...

1) Cao and Wei (2009) argue that vesting requirements and bankruptcy risk can lead to significant value discounts.

2) Vesting requirements and bankruptcy risk can lead to significant value discounts (Cao and Wei, 2009).

3) There are significant value discounts associated with vesting requirements and bankruptcy risk (Cao and Wei, 2009).

Cohesion

Technique 1:

Continuing the same idea	furthermore, moreover, first, second, last
Explaining / elaborating on an idea	for example, to illustrate, that is
Providing an alternative viewpoint	on the other hand, while
Countering an opposing viewpoint	nevertheless, not withstanding this, although, even though yet, however, but
Providing a similar viewpoint	similarly, like comparable to, in the same way
Reaching a conclusion	finally, thus, consequently, it follows that
Indicating position in an order	most importantly
Identifying cause and effect	therefore, consequently, because of, it follows that, owing to, due to, accordingly, for this reason, hence, as a result

Technique 2:

Businesses are now expected to operate in a climate change sensitive way.

Climate change causes physical and health risks that will affect the economy for years.

The duration of its impacts means that society will also be affected.

Society therefore expects businesses to be transparent about the preventive measures they are taking.

Technique 3:

Businesses now have to operate in a climate change sensitive way, because global warming will affect the economy for years, and society expects the corporates to be transparent about the preventive measures they are taking. The enterprises are affected by the physical threat to the companies' assets, while people's lives are affected by the health impacts caused by the emissions of these industries. Organizations therefore come under increasing pressure to take measures in reducing their carbon footprint.

Technique 4:

International Reactions to the Invasion of Kuwait

The UN security council condemned invasion and called for economic sanctions. This implied the possibility of negotiated withdrawal.

The US and UK prepared for a military strike against Iraq. They based this on the assumption that Middle East oil should be controlled by US government, allies and business interests. The US rejected diplomatic measures. The US view prevailed and Gulf War began in January 1991.