Minutes Template

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| Subject: | COMP90051 Statistical Machine Learning |
| Group name/ identifier | Group Number 58 |
| Meeting Location, Date & Time | 30/09/2022 |
| Group members present | Sean, David and Naryman |
| Apologies |  |

# Actions from previous meetings

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| **Task** | **Who is responsible** | **Deadline** |
| Exploratory data analysis: results of analysis and which variables to use. | Sean, David and Naryman |  |
| Set up Github/Overleaf; housekeeping on Canvas; familiarize ourselves with assignment | Sean, David and Naryman |  |
| Decide on approach | Sean, David and Naryman |  |
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# Items discussed and decisions made

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| **Item** | **Decision (if applicable)** |
| Approach taken on the problem: to have one model for each author. Also, “year” does not seem to be particularly important at the current stage. |  |
| Train a model with this and do a cross-validation. |  |
| Try using summary statistics such as mean and variance as features. | Doesn’t seem to be too useful. |
| Try RNN model by combining text and abstract |  |
| Map the text to an array. |  |

# Agreed actions from this meeting

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| **Task** | **Who is responsible** | **Deadline** |
| Try Summary Statistics as features for the model. | David |  |
| Try RNN/different ways of representing text; train a model and perform cross-validation | Sean |  |
| Consider alternative approaches to train model and represent data | Naryman |  |
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# Next meeting

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| Location | Zoom |
| Date & Time |  |
| Goals | Discuss results of approaches and if they are accurate or not. |