**Minutes  
Machine Learning Model Development  
Meeting No. 8**

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| **Location** | Swinburne Hawthorn Campus Late Lab | | | | |
| **Date & Time** | Friday, September 13, 2024 4:00pm | | | | |
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| **Contributors** | Henry Richardson Matthew CrossSeth Kalantzis | | | *Meeting Facilitator Secretary* | |
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| **Action Items from Previous Meeting** | | | | | |
| **Item** | | **Discussion Points** | | | |
| **Create a list of potential data sources.**  ***Owner:*** *All*  ***Status:*** *Overdue* | | * The Kaggle dataset that the team was intending to use as the primary dataset proved to be inappropriate on closer inspection. It held useful features, but only contained data from 2016-2018. * Additional useful datasets could not be identified. All other datasets found for housing provided aggregated mean sales prices for a period, without information about the property types or features. * Search was expanded from Melbourne, to Australia, to any geographic region. The team was not able to identify appropriate datasets at any level of analysis. | | | |
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| **New Items** | | | | | |
| **Item** | | **Discussion Points** | | | |
| **Explore the viability of different aspects of housing for analysis.**  ***Owner:*** *Henry*  ***Status:*** *Completed* | | * One dataset found during the search contained property data for New York. It did not cover sales prices, but contained detailed information on property features. * Team could not settle on an appropriate way to utilize this dataset, as it did not contain an appropriate feature to analyse for (E.g., price or rental value). | | | |
| **Decision to rescope project.**  ***Owner:*** *Matthew*  ***Status:*** *Completed* | | * The team agreed that, given the lack of appropriate data, it was necessary to pivot to a different topic for the assignment. * Seth located a site which provides NSW air quality data, and another site which provides NSW health statistics. * Decided to pivot to ‘Air Quality and Health’ as it appeared to offer the richest potential for analysis. * Team reviewed the datasets in the room to confirm that the provided data was appropriate. | | | |
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| **Action Items** | | | | | |
| **Action Item** | | | **Owner** | | **Deadline** |
| * **Attempt cleaning of data individually.** | | | *All* | | *September 17, 2024* |
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| **Next Meeting** | | | | | |
| **Location** | Swinburne Hawthorn Campus  Room EN4001 | | | | | |
| **Date & Time** | Tuesday, September 17, 2024 8:30am | | | | | |



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