

MONASH INDUSTRY TEAM INITIATIVE (MITI)

Burra Foods Logistics and Forecasting

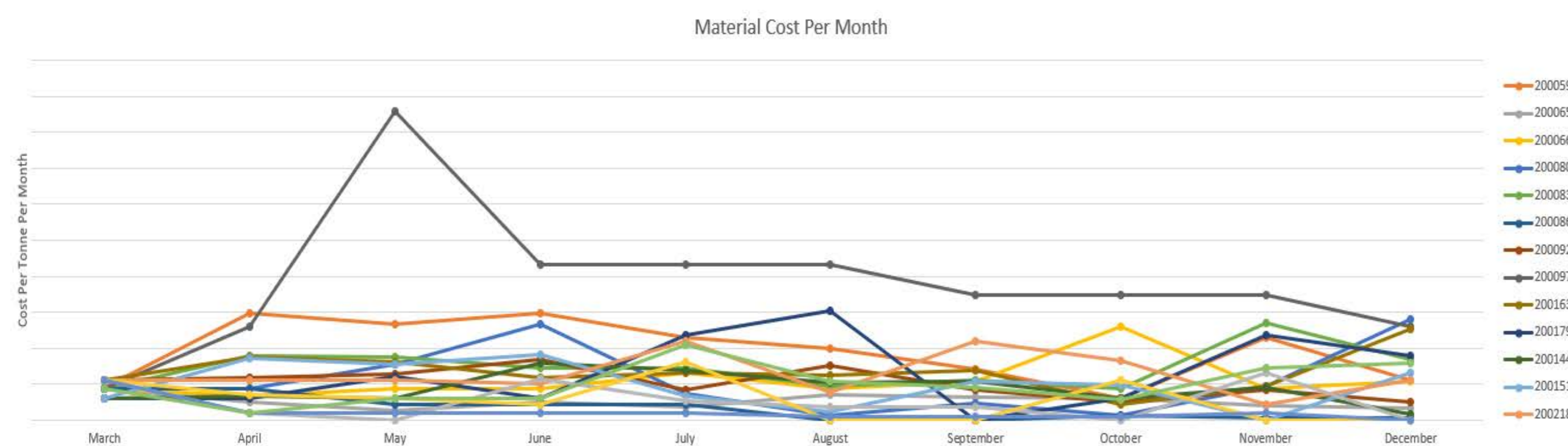
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INTRODUCTION

Burra Foods is an Australian dairy ingredient manufacturer that operates out of Korumburra. Its supply chain has the capacity to move products all over Australia and to international customers.

PROJECT 1 – SALES & LOGISTICS PROCESS IMPROVEMENT

- Improve accuracy and reduce time to plan weekly frozen goods dispatch from Korumburra
- Highlight discrepancies in stock on hand for inventory reconciliation. I.e. for damaged goods



PROJECT 2 – FORECASTING & BENCHMARKING

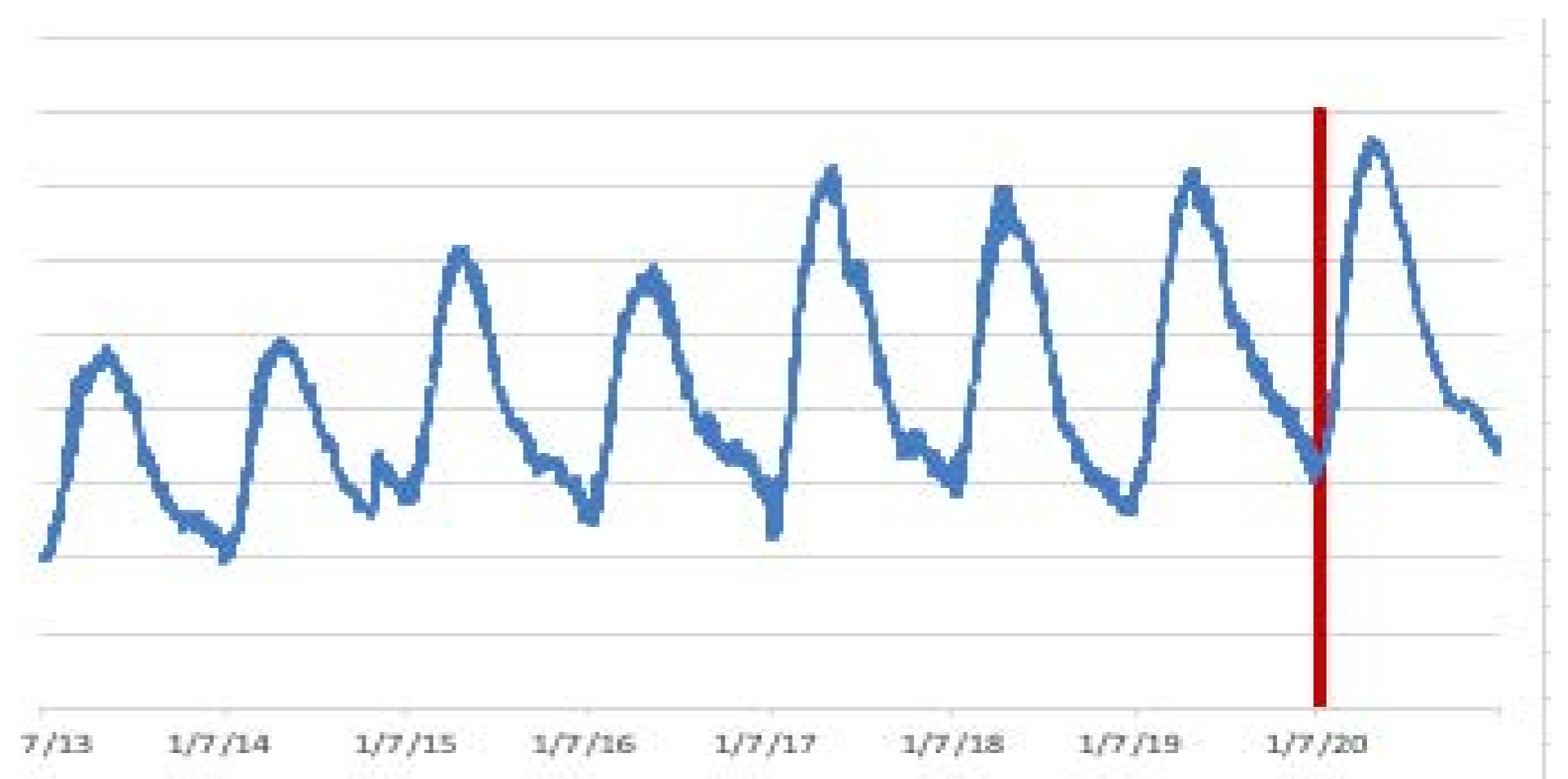
- More accurate prediction of future milk volumes based on past data and factors such as temperature or rainfall
- Calculation of whole supply chain logistics costs per tonne of product

OUTCOMES

- Automation: Reduction in work per week and method to detect inventory changes
- Forecasting Milk Production: Improved prediction and capacity to simulate multiple potential production levels.
- Estimation of material cost per tonne: Real time tracking of logistics costs given logistics costs on actual goods sold at a customer level

FUTURE RECOMMENDATIONS & IMPROVEMENTS

- Comparing actual and forecasted logistics costs to determine areas for efficiency gains and cost savings
- Add updated milk production data to continue increasing accuracy of forecasts



EXPERIENCE & LEARNINGS

- Understanding of the dairy industry and supply chains
- Communication skills and teamwork in the MITI team and with Burra employees
- A greater understanding of Excel functions and how to use industry software like SAP
- Problem solving skills

ACKNOWLEDGEMENTS

Firstly, huge thank you to Burra Foods for welcoming us in and offering us a place to stay in Korumburra while we worked. Then for being so patient and helpful as we worked through all the projects.

Secondly, thank you to Monash and the Gardiner Foundation for enabling us to have this opportunity for work experience and be out in the country!

