



Arable Land and Cereal Production in Agriculture Development

GitHub Link : <https://github.com/AnnMaryKurian/ADS1-Assignment3.git>

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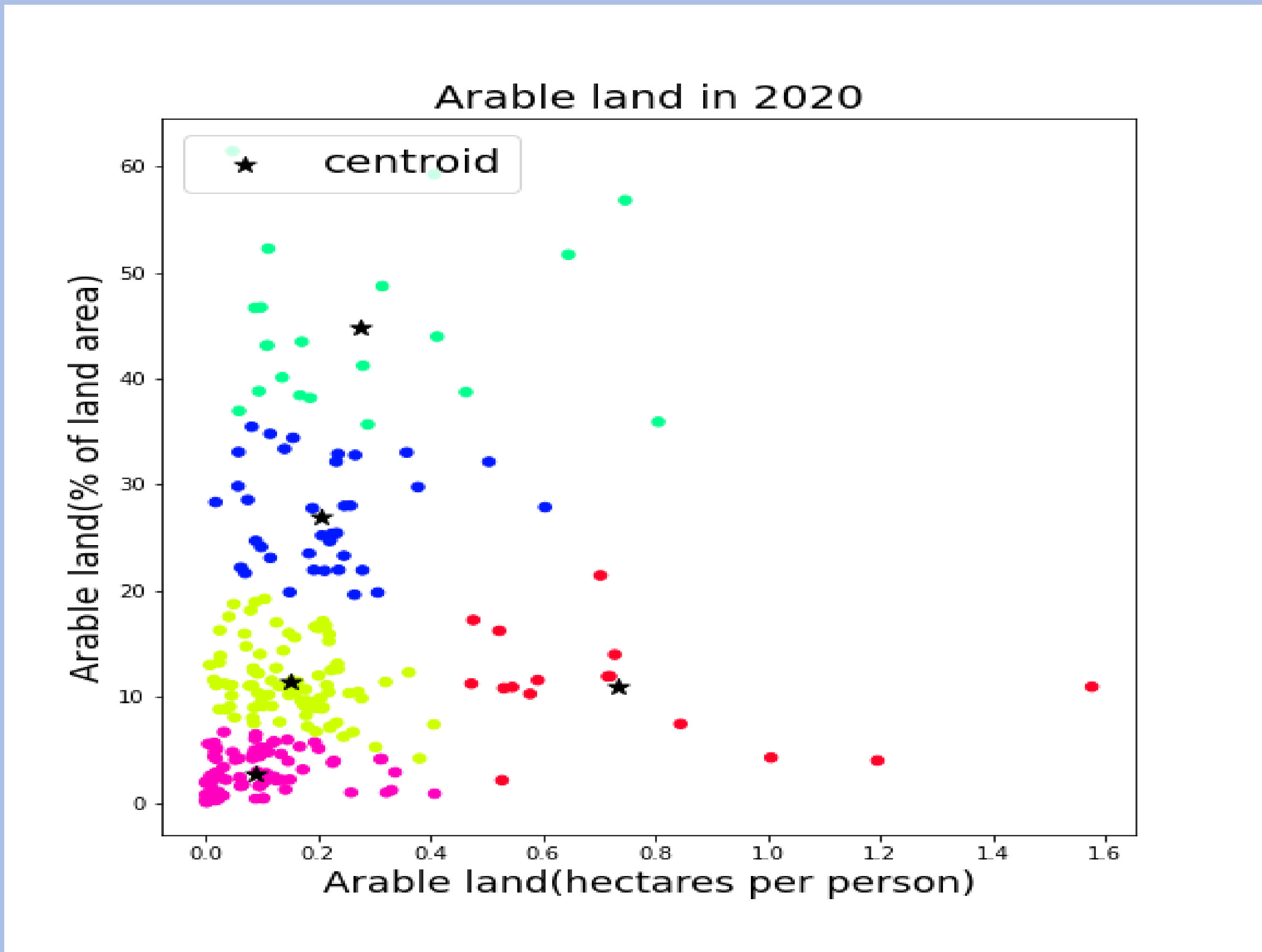
Student ID : 22013369

Introduction

Arable lands are land under temporary cultivation of crops. It also include lands that are ready for cultivation. Arable land area and land with cereal yield are compared. Cereal production has large importance in Agricultural development.

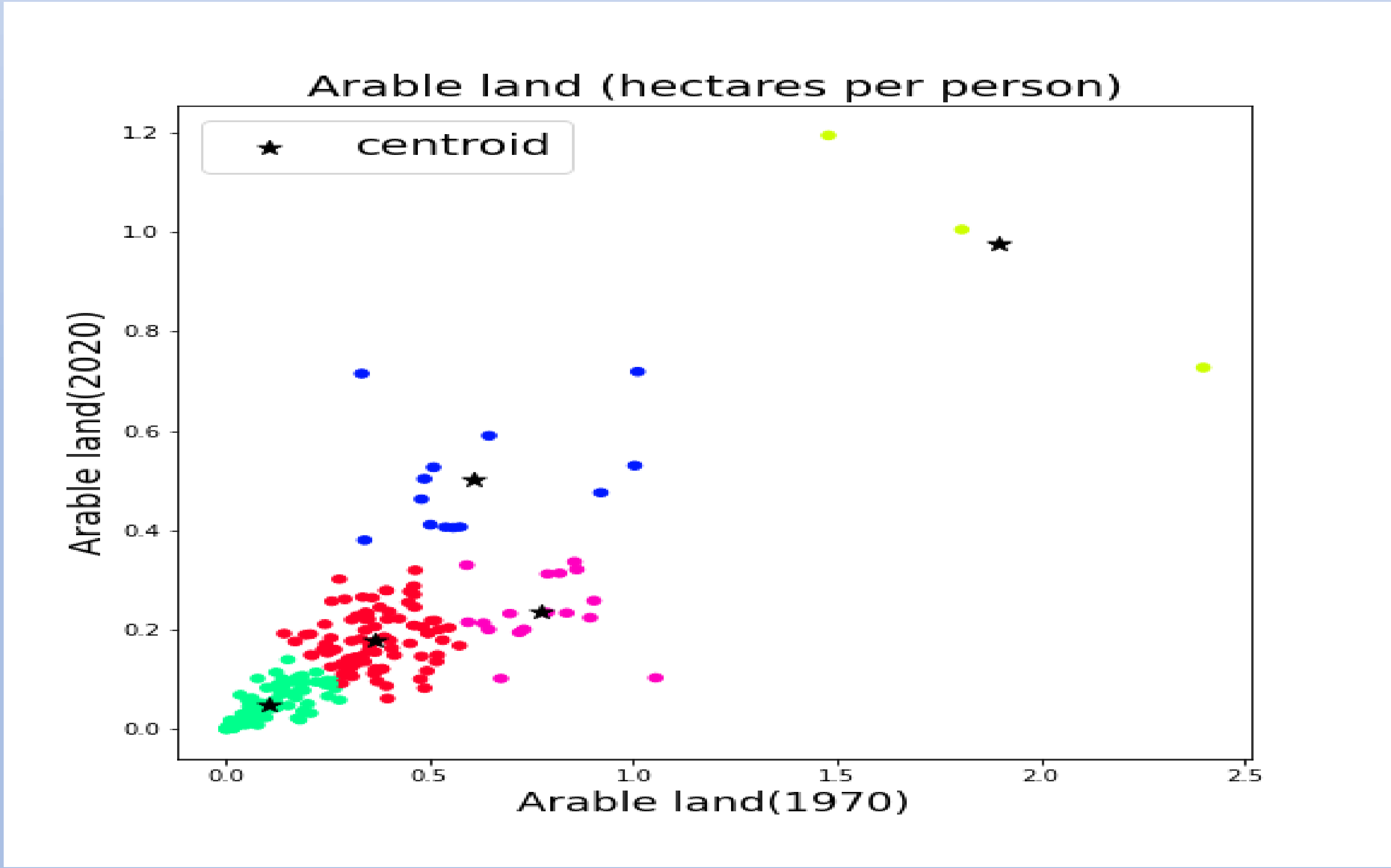
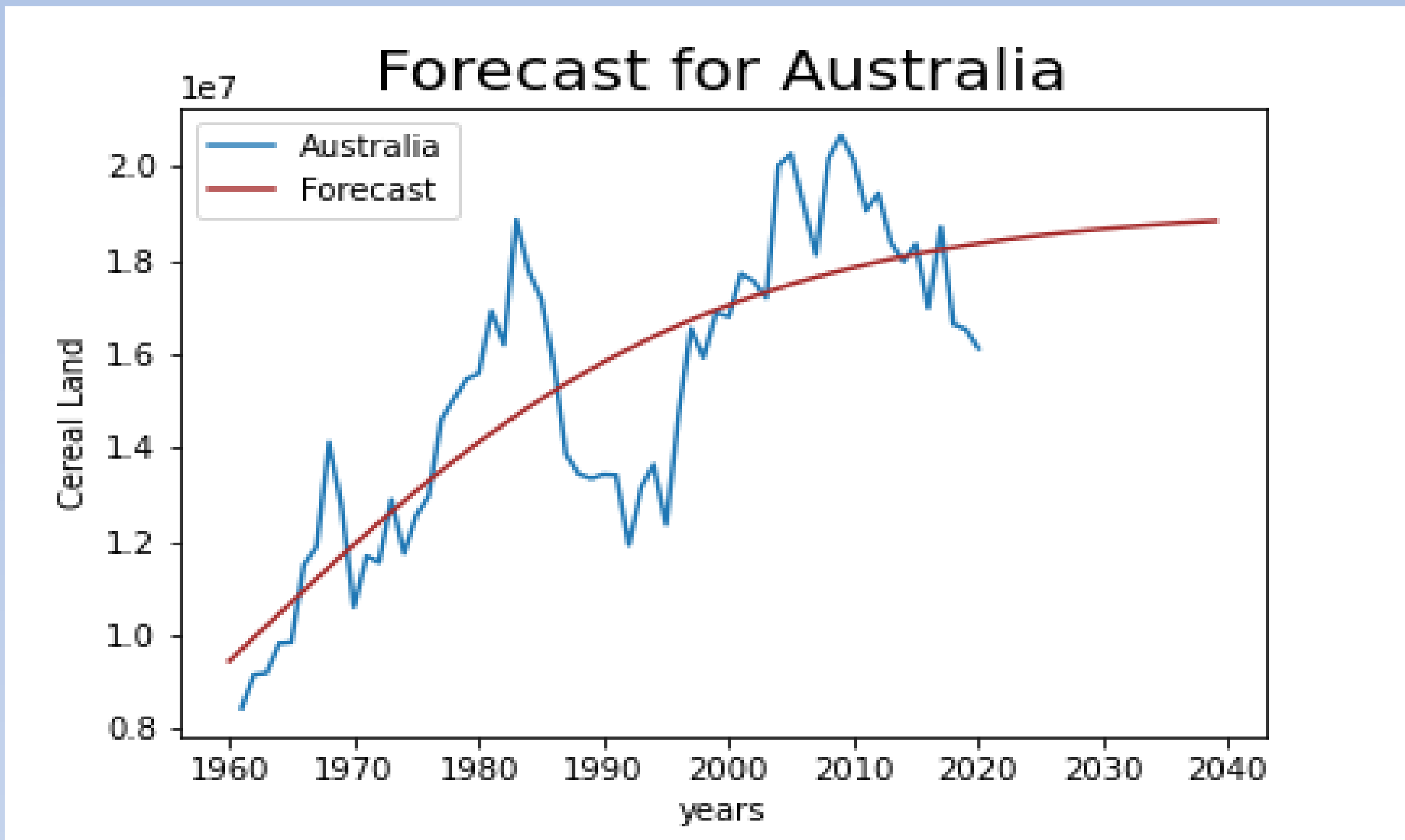
Abstract

- Comparing the cereal production of Australia in 2020
- Comparing the arable land data among countries from 1970-2020.
- Forecasting for the cereal yield of Australia for the years up to 2040.
- Finding the error ranges.



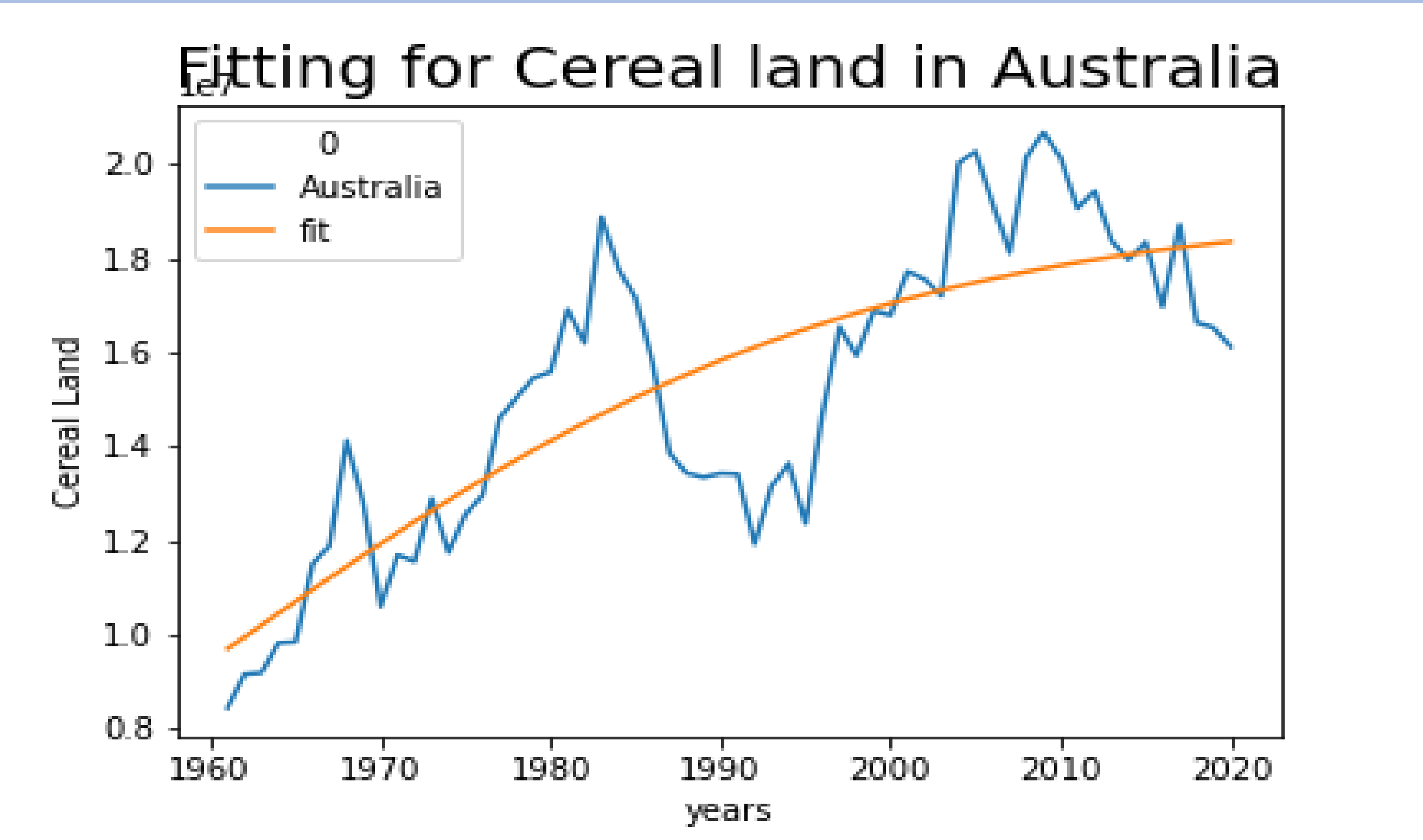
Results

- ✓ The land ready for cultivation were larger in older days. Even though the forecasting for upcoming years shows an increasing trend in cereal land.
- ✓ This will lead to better agricultural development opportunities.



Summary

- ❑ Finding the relation among available arable land and its utilization by analyzing the cereal production.
- ❑ Cereal production shows a growth in case of Australia.



Conclusion

The growth in Agriculture sector is calculated by the production of crop. Majority of the arable land are not used for cultivation. Forecasting shows an increase in cereal land.

