

SmartInternz Tableau Challenge 2021

Project

On

Insurance Data Analysis using Tableau

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1. INTRODUCTION

1.1 Overview

- Ministry of Finance, Government of India has approved the merger of Social Security Schemes viz., Aam Admi Bima Yojana (AABY) and Janashree Bima Yojana (JBY).
- The merged scheme is renamed “Aam Admi Bima Yojana” and has come into effect from 01.01.2013.
- APPROXIMATELY 93% of India’s total workforce is employed in the unorganized sector. Workers belonging to such occupational groups are prone to accidents and illnesses. In the event of such an unfortunate incident, owing to a lack of HEALTH INSURANCE , poor households are left with no financial protection. With the aim of providing social security to occupational groups within this sector, the Government of India launched the Aam Aadmi Bima Yojana (AABY) in October 2007. It covers natural or accidental death and disability of people who fall within certain occupational groups.

1.2 Purpose

The project mainly focuses analyzing Insurance Data for Aam Aadmi Bima Yojana to check State wise details across India for the years 2013-15. Main measure values are

- Claims Paid No and Claims Paid Amount
- Scholarship disbursement No and Scholarship disbursement Amount
- New lives covered
- Quarter Ending Dates

2. LITERATURE SURVEY

2.1 Existing Problem

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2.2 Proposed Solution

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3. THEORITICAL ANALYSIS

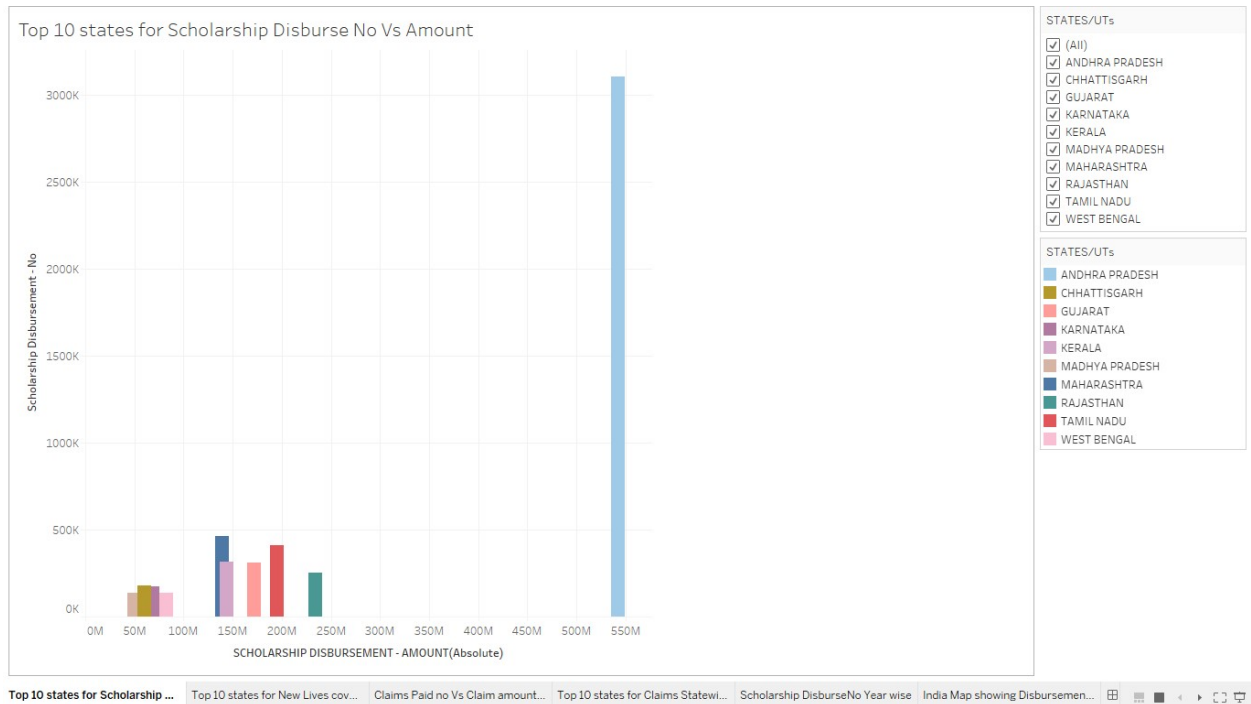
3.1 Hardware / Software designing

Software services required to implements this project are :

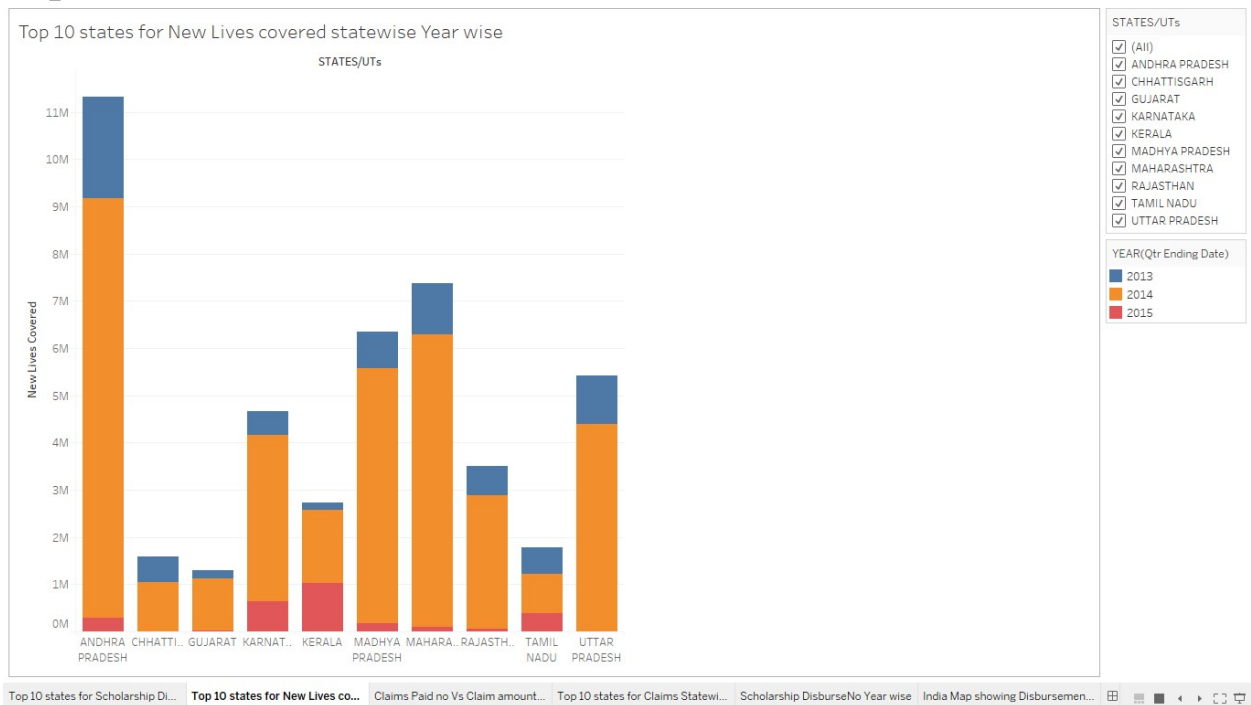
1. Tableau
2. Tableau Online

4. EXPERIMENTAL INVESTIGATIONS & RESULT

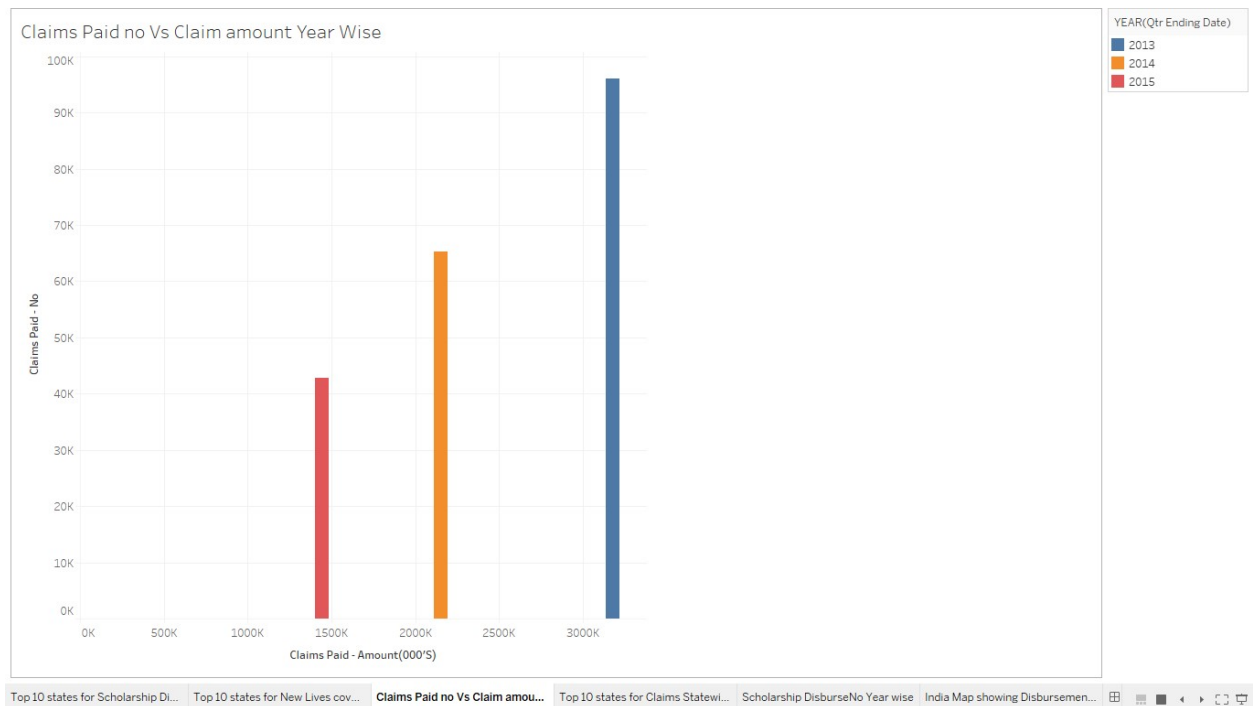
a) Top 10 states for Scholarship Disburse No Vs. Amount



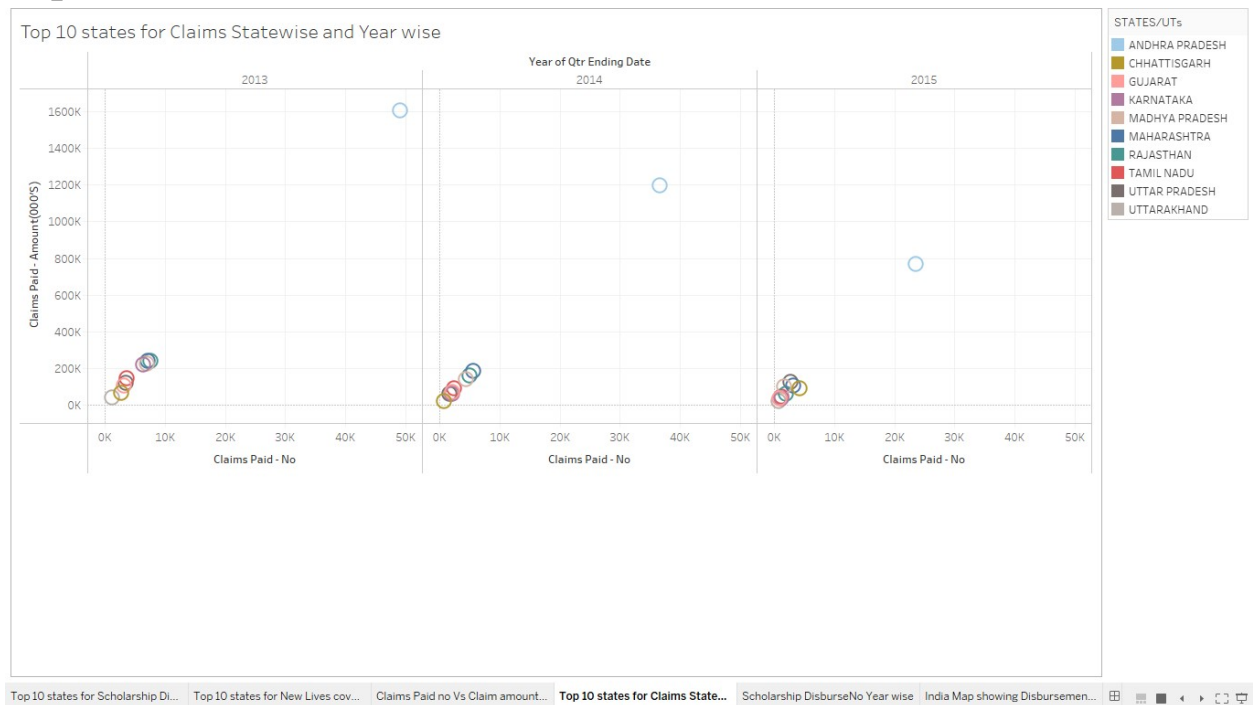
b) Top 10 states for New Lives covered statewise Year wise



c) Claims Paid no Vs Claim amount Year Wise



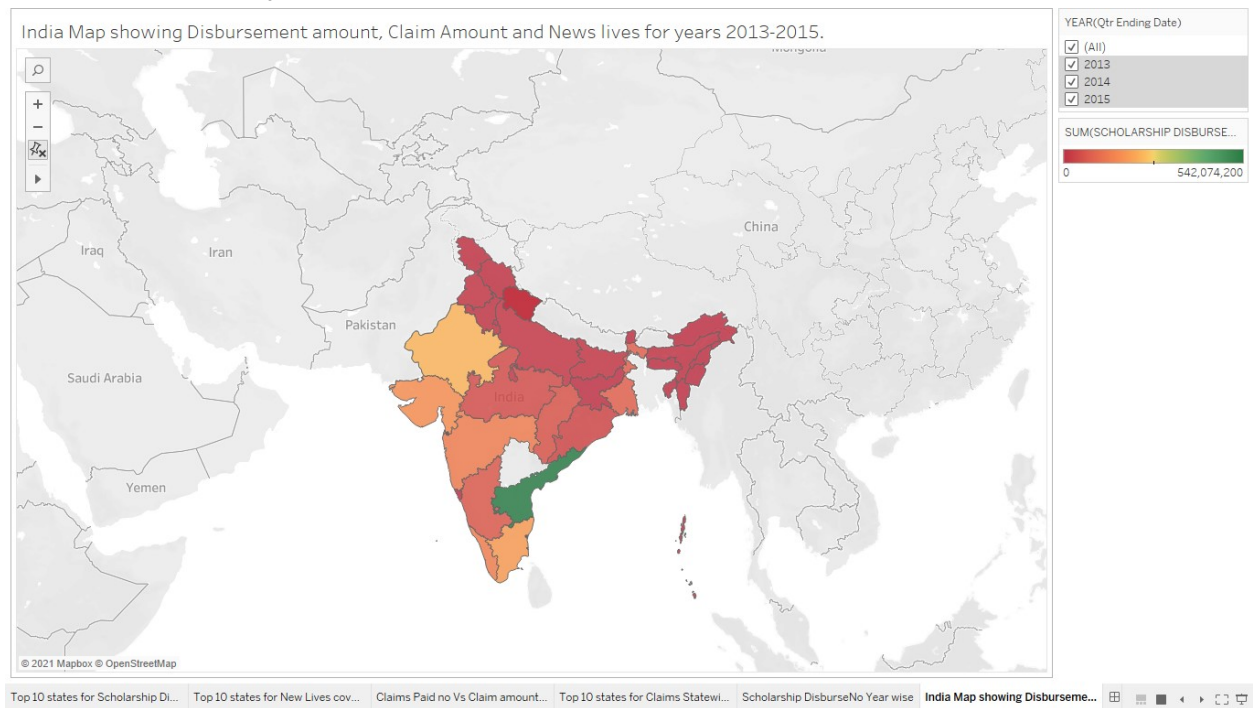
d) Top 10 states for Claims Statewise and Year wise



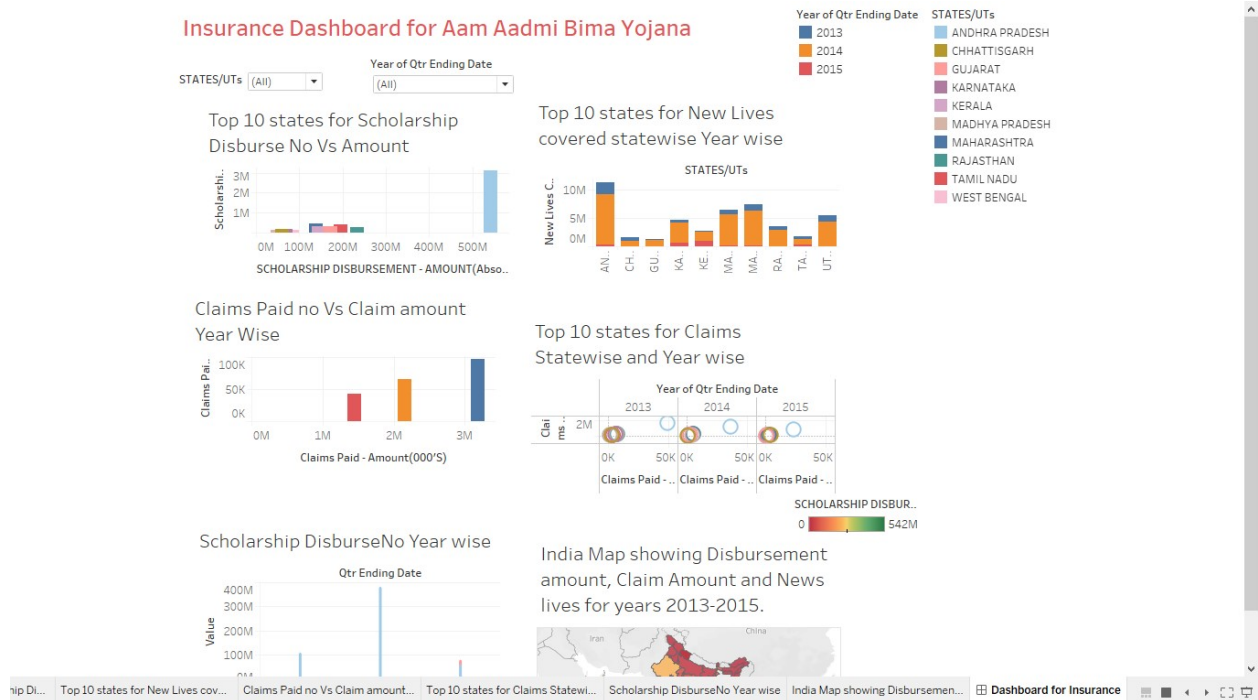
e) Scholarship DisburseNo Year wise



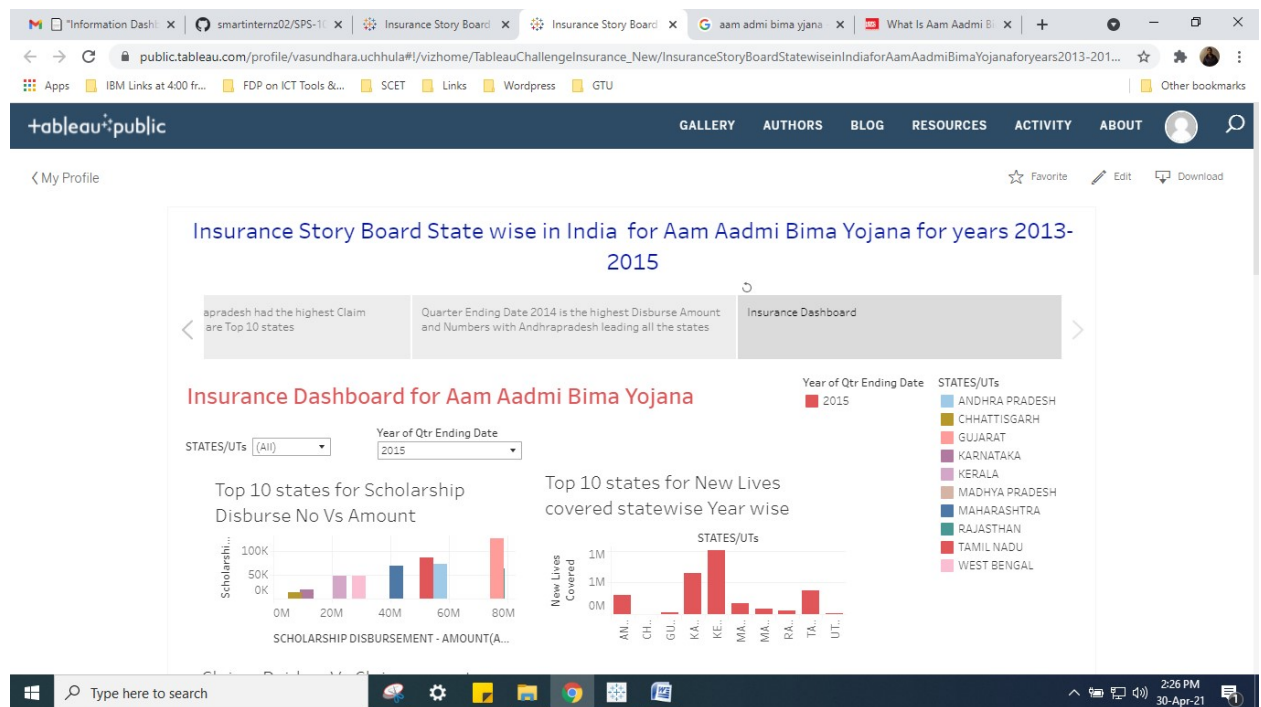
f) India Map showing Disbursement amount, Claim Amount and News lives for years 2013-2015.



g) Insurance Dashboard



Insurance Story Board State wise in India for Aam Aadmi Bima Yojana for years 2013-2015



5. RESULT

- a.** Andhra Pradesh disbursed highest scholarship Amount, followed by Maharashtra and Tamil Nadu. Showing here Top 10 states
- b.** Andhrapradesh covered highest New Lives followed by Maharashtra and Madhya pradesh. Year 2014 covered highest New lives. Shown here are Top 10 states
- c.** Year 2013 had highest Claim Amount , followed by the year 2014 and 2015
- d.** Year wise also Andhrapradesh had the highest Claim Amount. Shown here are Top 10 states
- e.** Quarter Ending Date 2014 is the highest Disburse Amount and Numbers with Andhrapradesh leading all the states

6. CONCLUSION

After completing this project the conclusion is, Andhra Pradesh leads the amount generated in Scholarship Disbursement, New lives covered and Claims Paid Amount.

Other states are way far behind and need to start working on strategies so that they are can increase their New lives and Scholarship and Claim Amount.

7. FUTURE SCOPE

For future scope we can perform much deeper analysis by targeting more number of years and further increasing the Measure values.

8. BIBILOGRAPHY

1. <https://www.tableau.com/community/community-projects>
2. <https://community.tableau.com/s/teachers>
3. <https://public.tableau.com/en-us/s/>