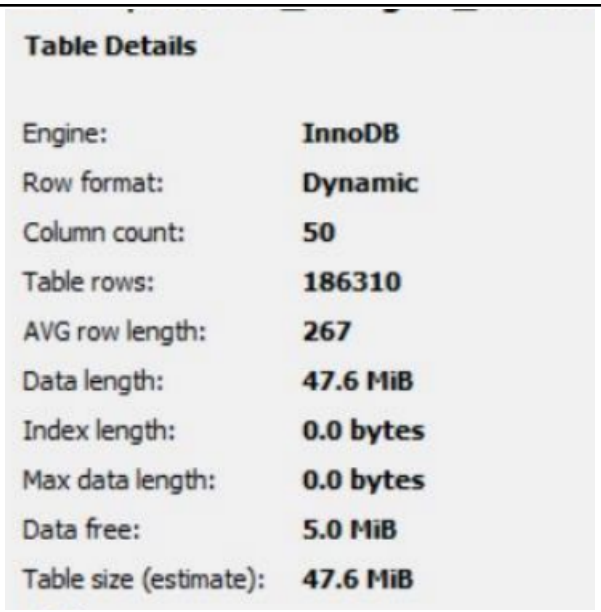
Performance and final Submission Phase
Solution Performance

Date	9 November 2023
Team ID	591194
Project Name	Pediatric Allergies Unveiled:A Tableau Exploration of Prevalence and Demographics
Maximum Marks	10 Marks

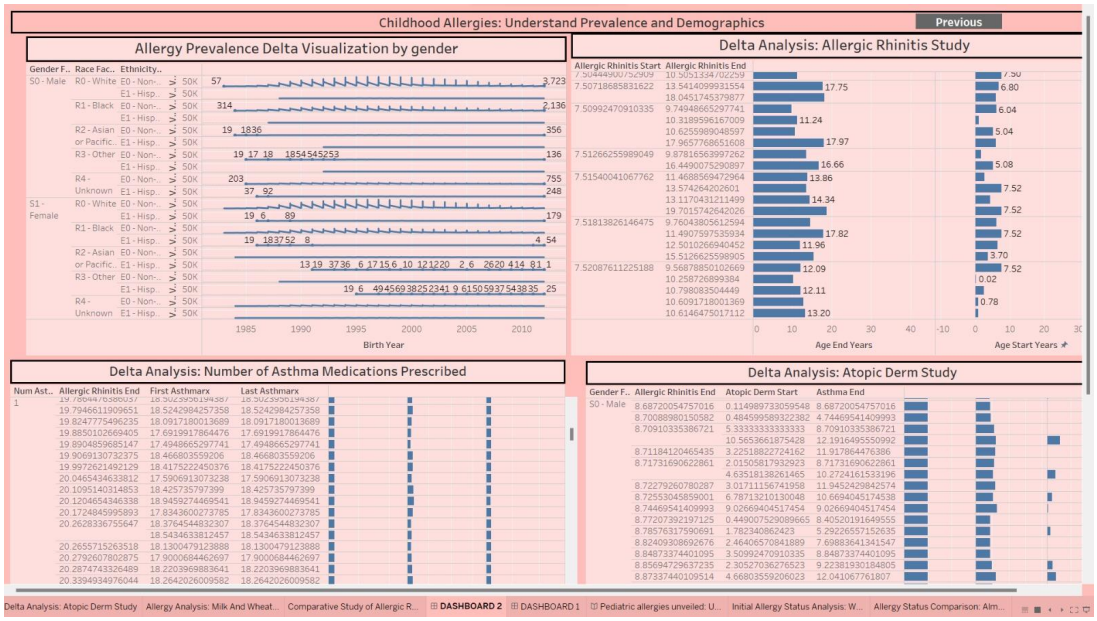
Model Performance Testing:

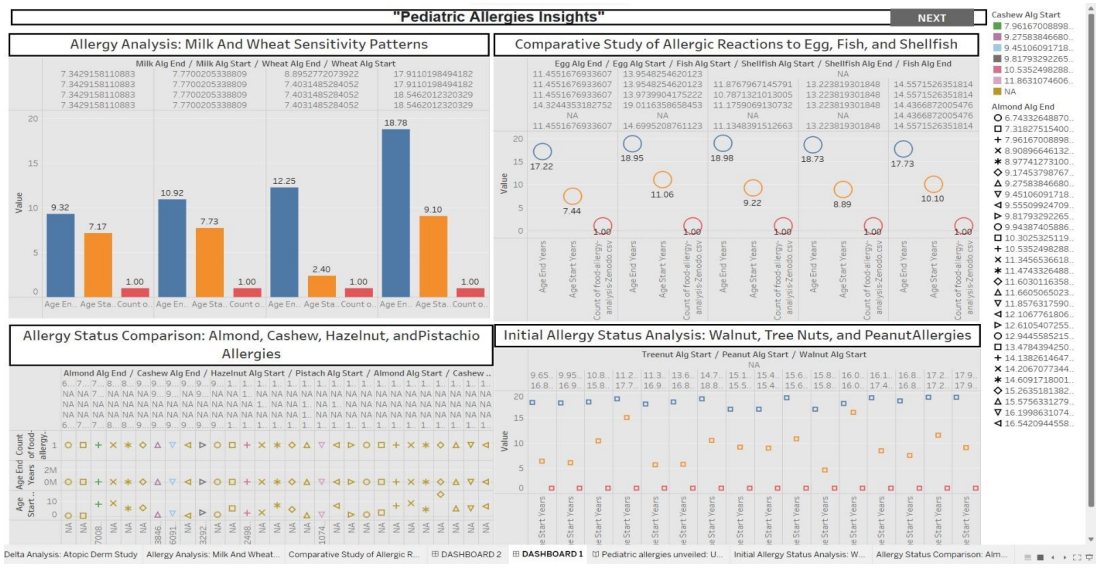
S.No.	Parameter	Screenshot / Values
1.	Dashboard design	We have created 2 Dashboards namely "Pediatric Allergies Insights" and Childhood Allergies: Understand Prevalence and Demographics. Dashboard 1 Includes 5 Visualizations and Dashboard Includes 4 Visualizations. Dashboard 1 1)Allergy Prevalence Deltas Visualization by Gender. 2)Comparison of Allergy Prevalence Changes with Asthma. 3)Delta Analysis: Number of Asthma Medications Prescribed. 4)Delta Analysis: Allergic Rhinitis Study. 5)Delta Analysis: Atopic Derm Study. Dashboard 2 1)Allergy Analysis: Milk And Wheat Sensitivity Patterns. 2)Comparative Study of Allergic Reactions to Egg, Fish, and Shellfish. 3)Initial Allergy Status Analysis: Walnut, Tree Nuts, and Peanut Allergies. 4)Allergy Status Comparison: Almond, Cashew, Hazelnut, and Pistachio Allergies.
2.	Data Responsiveness	Time elapsed for Loading Dataset Into SQL: 3 minutes Data filter response time:03 sec Visualizations: 05 sec Dashboard Design: 09 sec Story: 12 sec

3.	Amount Data to Rendered (DB2 Metrics)	
4.	Utilization of Data Filters	Data filters allow you to selectively focus on specific subsets of data, eliminating irrelevant or overwhelming information. This streamlines the data analysis process, making it easier to identify patterns, trends, and anomalies.We have utilized Data filters to exclude the values which are marked as NA. Also we have taken some values of all to make visualizations more understandable and beautiful.
5.	Effective User Story	We have added 5 scenes to our story they are 1)Explore the gender-specific variations in allergy prevalence Analyze key allergens,understand deltas, and uncover Insights for Improved healthcare strategies. 2)Delve Into the relationship between allergy prevalence and asthma incidence Discover how changes in allergy races correlate with asthma cases,shading light on potential links and healthcare implications. 3)Exploring the dynamics of Rhintis prevalence through a delta analysis. Investigate how this common allergy evolved over the time,pinpointing key trends and potential factors behind prevalence changes. 4)Delve into the world of milk and wheat sensitivity patterns.Analyze prevalence,demographics and regional variations to gain insights into how these common allergies affect different populations. 5)Exploring the allergies caused by Eggs,Fish and Shellfish. Discovering the allergen factors of this daily used products and Seafood.Analyzing the prevalences and demographics to gain insights into how these food products affected mankind.

6.	Descriptive Reports	We have created 9 Visualizations they are: 1)Allergy Prevalence Deltas Visualization by Gender. 2)Comparison of Allergy Prevalence Changes with Asthma. 3)Delta Analysis: Number of Asthma Medications Prescribed. 4)Delta Analysis: Allergic Rhinitis Study. 5)Delta Analysis: Atopic Derm Study. 6)Allergy Analysis: Milk And Wheat Sensitivity Patterns. 7)Comparative Study of Allergic Reactions to Egg, Fish, and Shellfish. 8)Initial Allergy Status Analysis: Walnut, Tree Nuts, and Peanut Allergies. 9)Allergy Status Comparison: Almond, Cashew, Hazelnut, and Pistachio Allergies.

Dashboards:





Story:

Pediatic Allergies Unveiled: Understand Prevalence and Demographics Story

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Delve Into the relationship between allergy prevalence and asthma incidence Dicover how changes in allergy races correlate with asthma cases,shadding light

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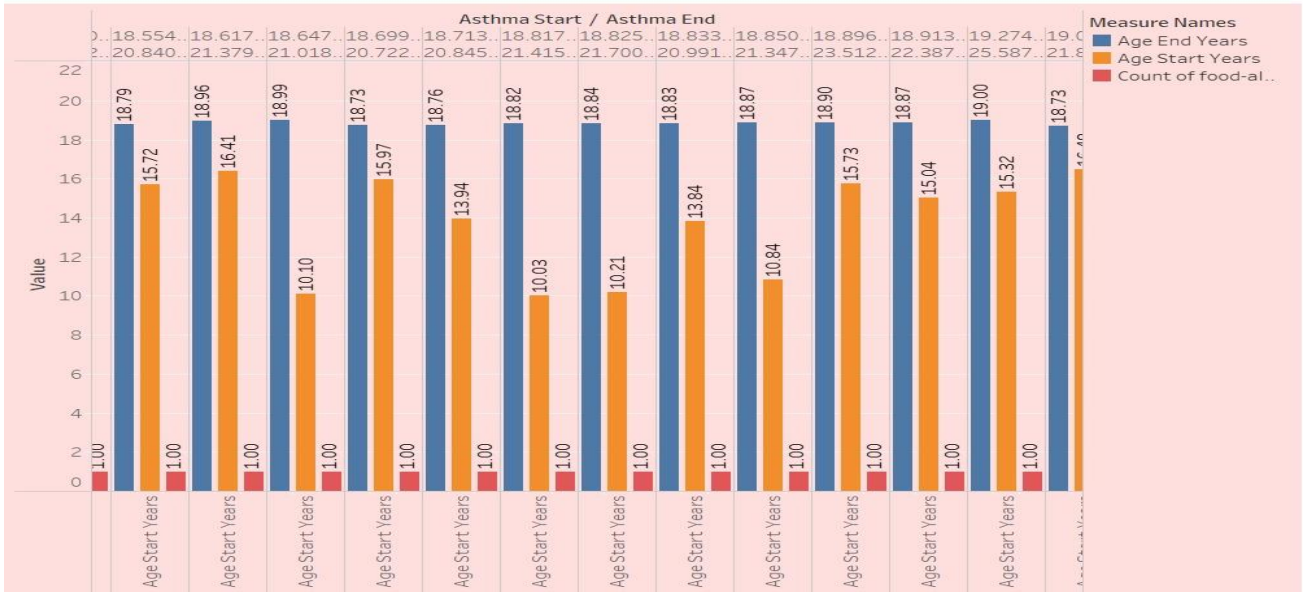

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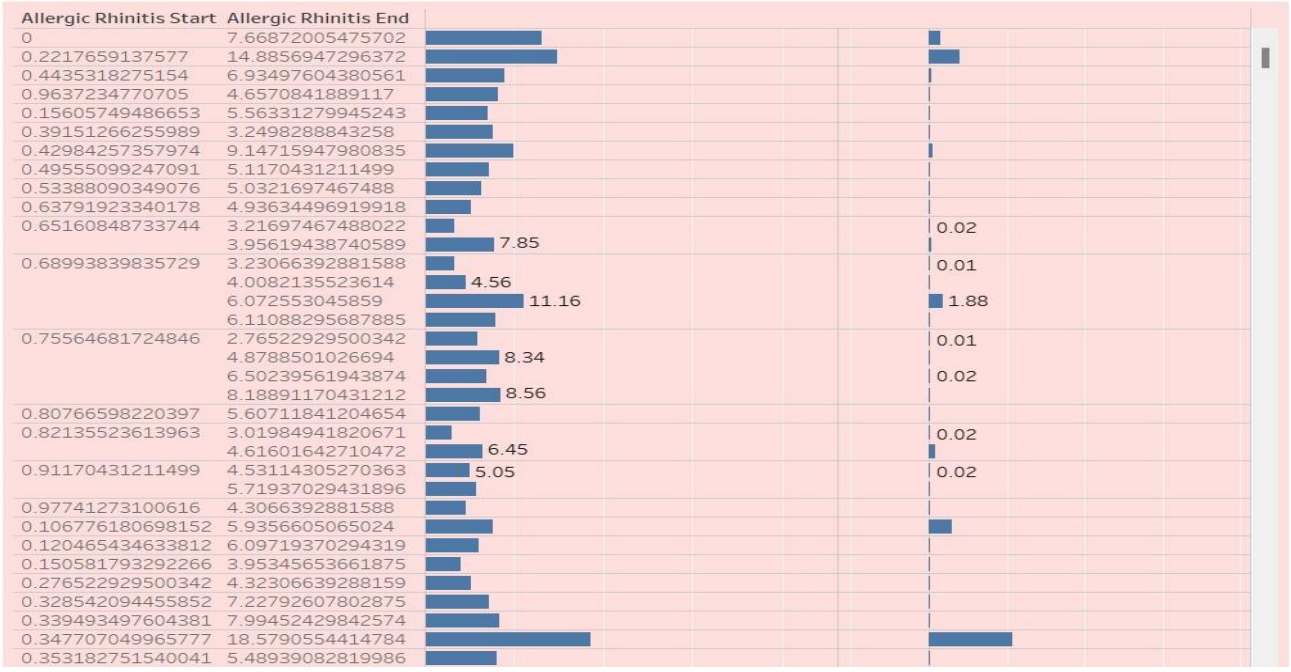

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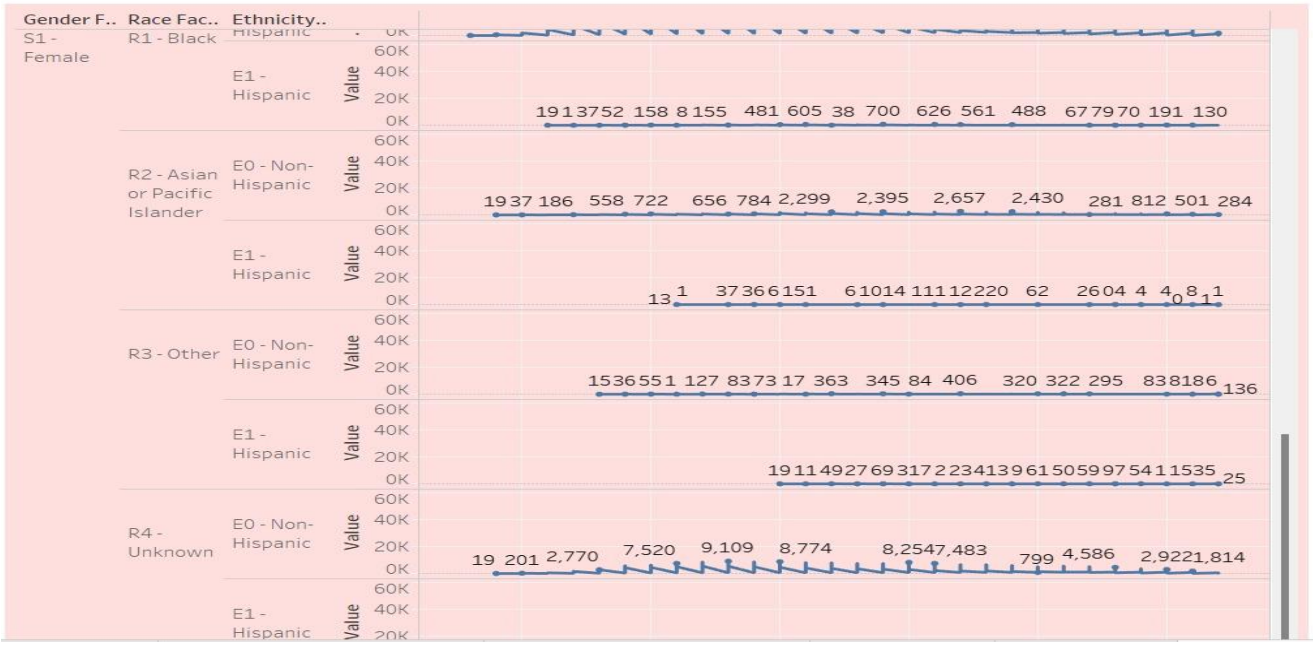

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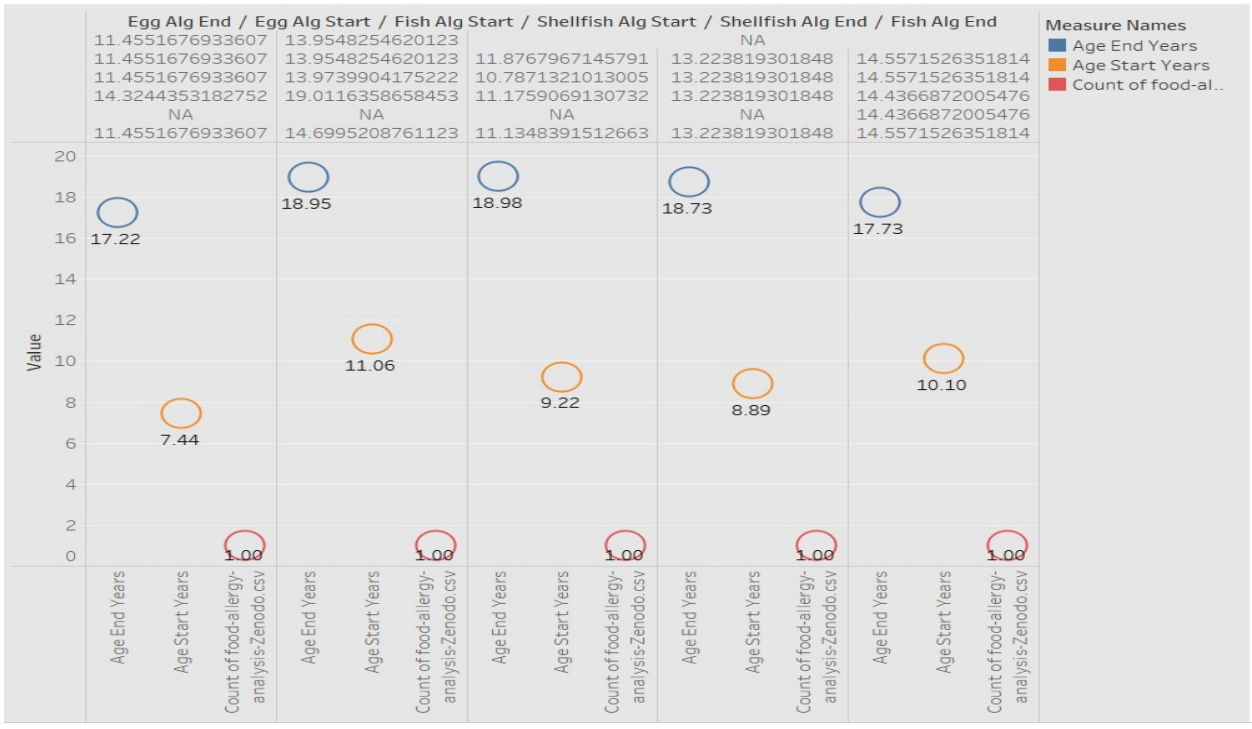
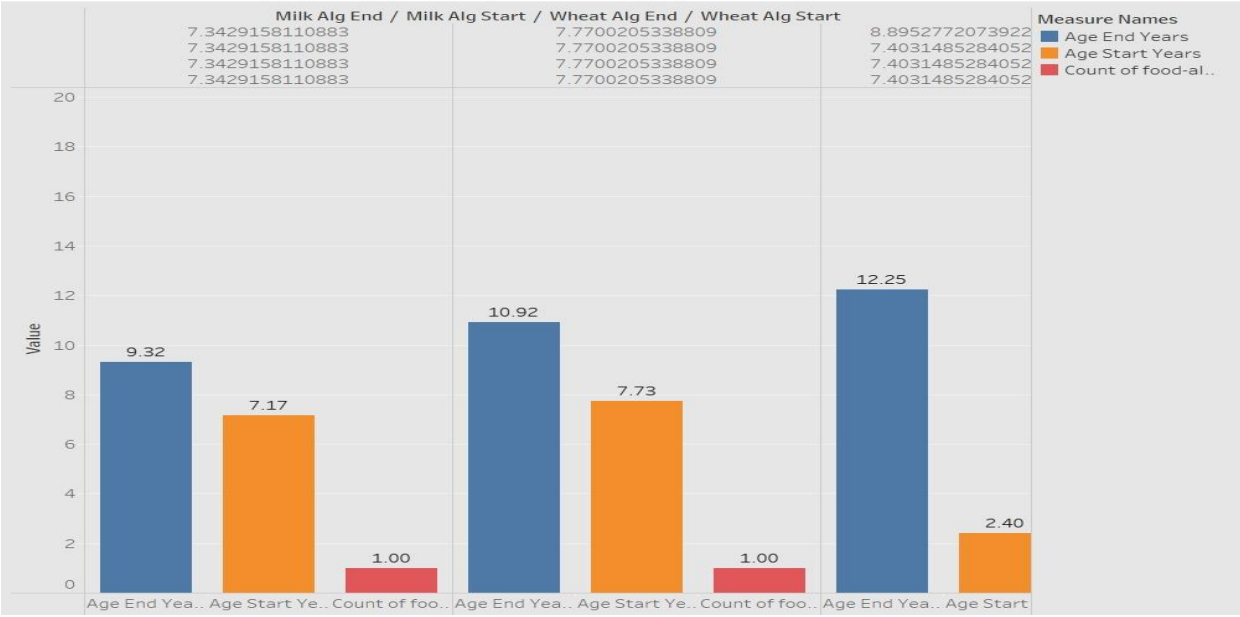
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