Date	21 October 2023
Team ID	Team-591194
Project Name	Pediatric Allergies Unveiled: A Tableau Exploration of Prevalence and Demographics
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture is a complex process with many sub-processes that bridges the gap between problems and solutions. For obtaining the solution for pediatric allergies we should use below processes

- **Medical Examination:** is a physical examination performed on a patient for medical screening purposes.

- **Family History:** Checking whether ancestors of the family are affected by pediatrics.

- **Testing:** A medical procedure performed to detect diseases, disease processes, or to determine a course of treatment.

- **EHR:** An Electronic Health Record (EHR) is a collection of various medical records that get generated during any clinical encounter or events.

- **Analysis:** Using EHR we will analyze the records and make insights from the data and create valuable visualizations.

- **Report:** Using visualizations and insights prepared during analysis we will make reports which will be helpful for Doctors,nurses and Research people.

- **Treatment:** If the patient needs medical treatment he will be advised to take medicines.

- **Prevention:** To prevent Pediatric allergies one should practice immunotherapy and should avoid taking allergen products.

Solution Architecture diagram

FAMILY HISTORY

MEDICAL EXAMINATION

TESTING

ELECTRONIC HEALTH RECORD(EHR)

PATIENT

TREATMENT

PHARMACY

ANALYSIS

PREVENTION

IMMUNOTHERAPY

REPORT

ALLERGEN AVOIDANCE