

EXPLORE CAN

A PLACE WHERE YOU CAN FIND WHAT YOU SEARCH
FOR !!!

Problem Statement

Help tourists to find the best Canadian restaurants and tourist attractions, develop a recommendation system that suggests options based on the user's location, preferences, and ratings.

**THIS SYSTEM SHOULD BE INTUITIVE, AND
PERSONALIZED, AND ENHANCE USER EXPERIENCE,
INCREASING USER SATISFACTION AND ENGAGEMENT.**





VISION & MISSION

01. Vision

- Our vision is to create a cutting-edge recommendation system.
- That revolutionizes the way people discover Canadian restaurants and tourist attractions, providing them with a personalized and delightful experience.

02. Mission

- Our mission is to develop a comprehensive and user-friendly recommendation system.
- That leverages the latest technologies, including data analysis and machine learning
- To help users find the best options for their needs, leading to increased satisfaction and engagement.



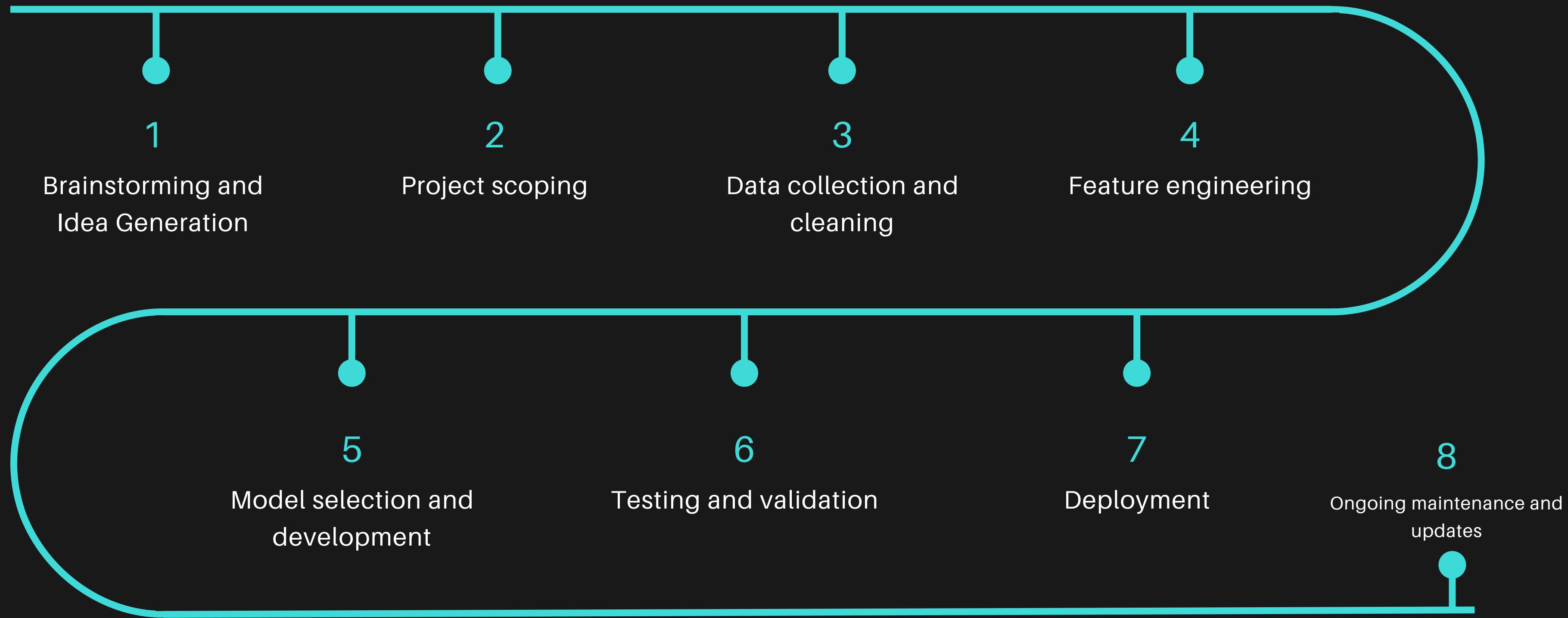
PROJECT GOALS AND OBJECTIVES

- Improving the user experience:
- Increasing engagement and retention
- Driving revenue and business growth
- Generating data insights
- Providing valuable information

The goal of this recommendation system for Canadian restaurants and tourist attractions is to create a more personalized and enjoyable experience for users while also driving business growth and generating valuable data insights.

TIME LINE

Project Timeline



ACCOMPLISHMENTS

Accomplishments

07/MAR/2023

Collaborative meetings are the best! Click "Share," add your teammates, and start interacting.

*Accomplishments

What did you do yesterday?

To-Do's

What are you doing today?



Problem Formulation

Data Visualization

Data Cleaning

Problem Formulation

Data Cleaning

Data Visualization

Problem Formulation,
Designing
Presentation

Google API
Generation

User Interface Meta
Data Designing in
HTML

Problem Statement,
Documentation, Task
division, Presentation
designing

Analyzing final
cleaned data, , UI
designing

Bootstrapping,
Wireframing and
Styling the page

Problem Formulation,
Documentation

YELP API Generation,
Environment Setup

Choosing the
Algorithm for Model
and training the data
for one particular
cuisine Type

Sahithi

Vikranth

Prathyusha

Rahul

Anusha

CHALLENGES

CHALLENGES

07/03/2023

Sahithi

Vikranth

Rahul

Prathyusha

Anusha

* Data Size and Complexity

* Outliers and Anomalies

* Data Assessment

* Scalability of API

* Feature Engineering

* Data Type and Structure

* Visualization Technique Selection

* Finding A model

* Versioning

* Overfitting and Underfitting

* Missing or Incomplete Data

* Interpretation and Communication

* Finding the requirements for UI Design

* Filtering UI components

* Algorithm Selection

METHODS AND TOOLS USED



01

API's

We have used Google API's and Yelp API's for location based services.

02

User Interface

We have Used HTML, CSS and Bootstrap for developing the user interface with the suitable attributes.

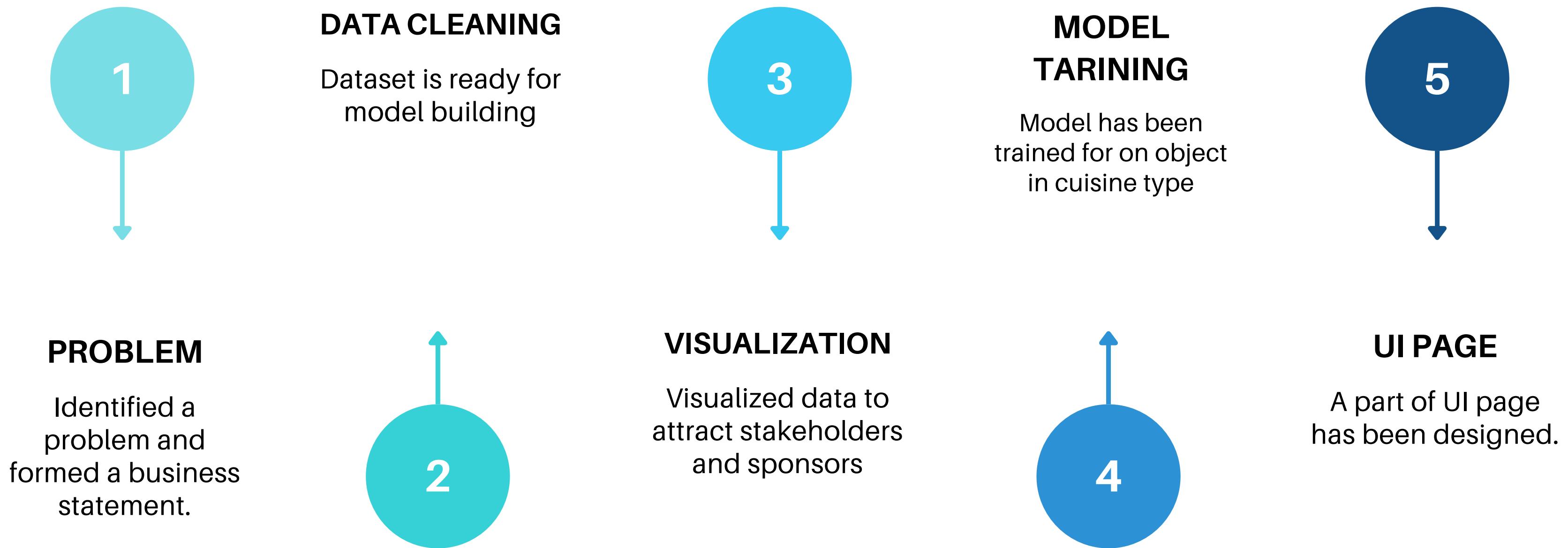
03

Data Modeling

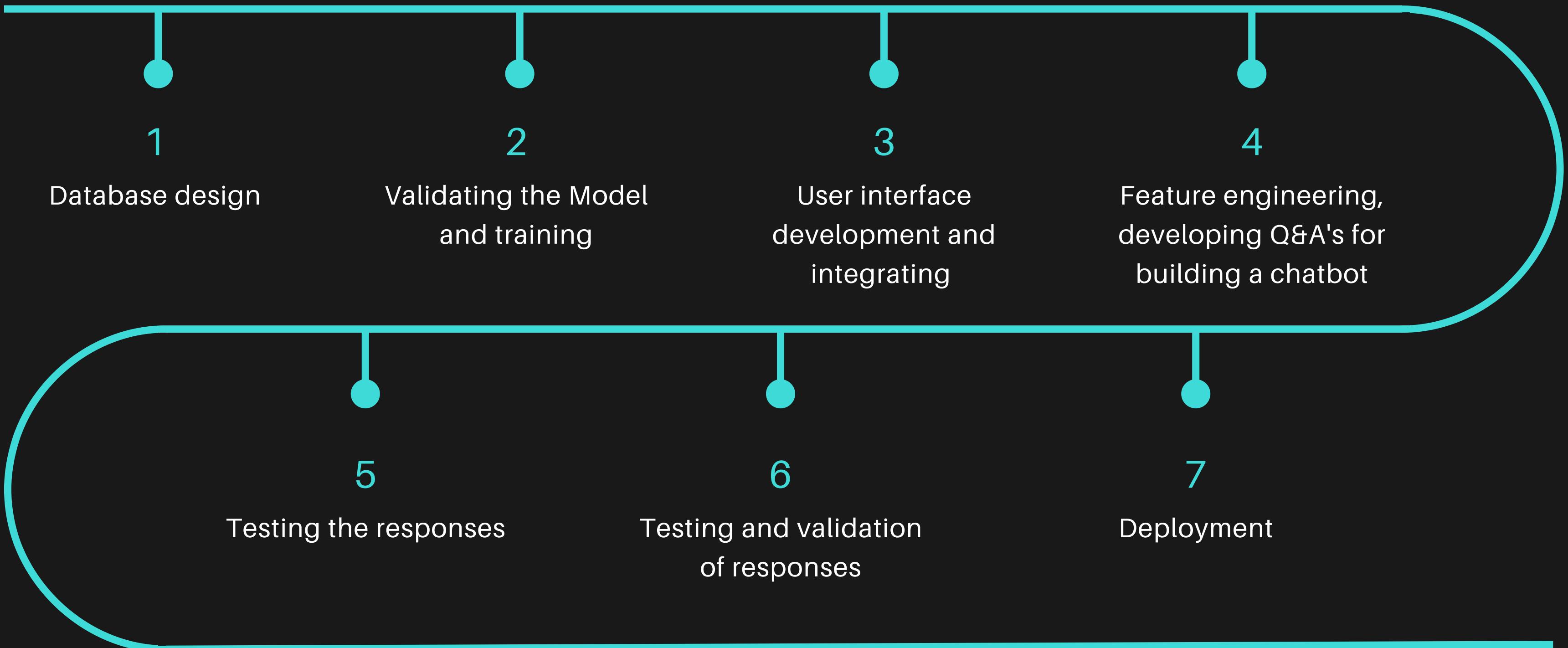
We have used the Machine Learning technique to train the model and get the accuracy for one cuisine type as of now.

RESULTS

Progress till now



FUTURE PLANS



A dark blue-tinted photograph showing a person's hand holding a silver pen over a stack of papers. A small electronic calculator and a keychain with a small device are visible on the desk next to the papers.

Thank you.