# Concrete Compressive Strength Prediction

**Wireframe Documentation** 



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## 1 Home page

### **Concrete Compressive Strength Prediction**

Debug Info: This page was rendered at 2024-11-14 09:09:03.390489

#### **Project Description**

This project aims to predict the compressive strength of concrete based on its components and age. The prediction is made using a machine learning model trained on historical data.



#### **Components**

- Age: The age of the concrete in days
- Cement: Amount of cement in kg in a m3 mixture
- Water: Amount of water in kg in a m3 mixture
- Fly Ash: Amount of fly ash in kg in a m3 mixture
- Superplasticizer: Amount of superplasticizer in kg in a m3 mixture
- Blast Furnace Slag: Amount of blast furnace slag in kg in a m3 mixture

Go to Prediction Page

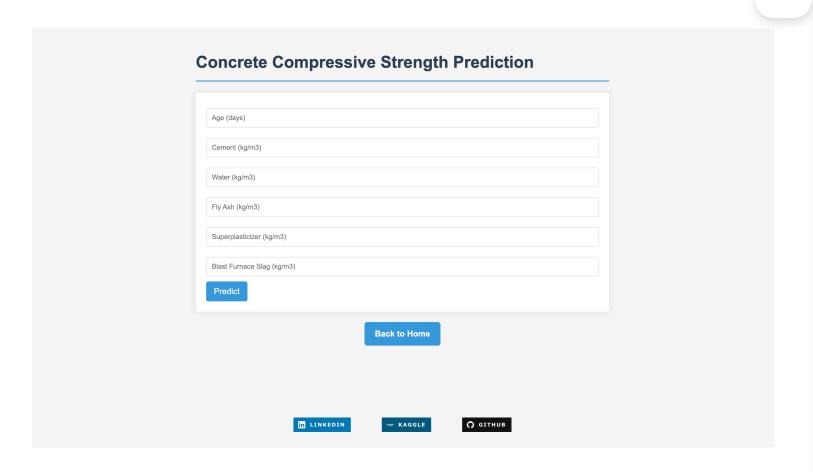








## 2 Prediction Page





## 4 Result

Here will be the Result after data enter by the user

## **Concrete Compressive Strength Prediction**

Age (days)			
Cement (kg/m3)			
Water (kg/m3)			
Fly Ash (kg/m3)			
Company la atilisis and (landra 2)			
Superplasticizer (kg/m3)			
Blast Furnace Slag (kg/m3)			
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Predict			

The Concrete compressive strength is 18.34 MPa

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