

Cement concrete compressive strength predictor

Wireframe Documentation

Name	Mohd Shadab
Email	Mohd.shadabaziz999@gmail.com

Homepage

The Compressive strength predictor is composed an interactive page where the user has to fill the input values as asked through the use of number box.

Concrete strength predictor

Please enter the values

Cement(Kg/m3)

0.00

-

+

Superplasticizer(Kg/m3)

0.00

-

+

Blast furnace slag(Kg/m3)

0.00

-

+

Coarse aggregate(Kg/m3)

0.00

-

+

Fly ash(Kg/m3)

0.00

-

+

Fine aggregate(Kg/m3)

0.00

-

+

Water(Kg/m3)

0.00

-

+

age(Days)

0.00

-

+

Predict Strength

User input fields

There are a total of 8 fields that the user should input before proceeding to the predict button

Concrete strength predictor

Please enter the values

Cement(Kg/m3)	0.00 - +	Superplasticizer(Kg/m3)	0.00 - +
Blast furnace slag(Kg/m3)	0.00 - +	Coarse aggregate(Kg/m3)	0.00 - +
Fly ash(Kg/m3)	0.00 - +	Fine aggregate(Kg/m3)	0.00 - +
Water(Kg/m3)	0.00 - +	age(Days)	0.00 - +

Predict Strength



Prediction

After filling the desired input by the user, the prediction can be made by simply clicking the 'Predict Strength' button

Concrete strength predictor

Please enter the values

Cement(Kg/m3)	0.00 - +	Superplasticizer(Kg/m3)	0.00 - +
Blast furnace slag(Kg/m3)	0.00 - +	Coarse aggregate(Kg/m3)	0.00 - +
Fly ash(Kg/m3)	0.00 - +	Fine aggregate(Kg/m3)	0.00 - +
Water(Kg/m3)	0.00 - +	age(Days)	0.00 - +

Predict Strength



Display of output

Concrete strength predictor

Please enter the values

Cement(Kg/m3)

500.00

-

+

Superplasticizer(Kg/m3)

100.00

-

+

Blast furnace slag(Kg/m3)

0.00

-

+

Coarse aggregate(Kg/m3)

1000.00

-

+

Fly ash(Kg/m3)

10.00

-

+

Fine aggregate(Kg/m3)

600.00

-

+

Water(Kg/m3)

180.00

-

+

age(Days)

28.00

-

+

Predict Strength

Concrete Strength in N/mm

49.96791641550092

