



# Pricing Tool

Documentation

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# Index

Content	Page no.
1. About	2
2. Tech stack	2
3. Database	3
4. Files	3
5. Working	4
• Dashboard (All Fields)	4
• Calculate (Button)	5
• Final calculation formula	6
6. Screenshots Of Pricing Tool	8

## About

This tool is used to calculate the price of vehicle. User have to add information about vehicle like Vehicle Brand, Vehicle name, Vahicle variant, Vehicle type (Scooty, Cruise, etc.) , Model Year (It shows last 12 years in dropdown), Vehicle Number, Demand Type(Demading , less demanding, Non demanding), Owner Serial, Kilometer Run. After adding this information and on click calculate button it will show the price of vehicle and store the vehicle with its specification in database

## Tech Stack

1. HTML
2. CSS (Inline)
3. Bootstrap
4. JavaScript
5. PHP
6. MySQL
7. jQuery
8. Ajax

## Database

- 1) pricingtool –
  - a. bikes\_database
  - b. demand\_type
  - c. depreciation
  - d. exshowroom\_price
  - e. ideal\_km
  - f. owner\_serial

## Files

1. Folder (image)
  - a. Icon.png
2. dbcon.php – PHP code for database connection
3. index.php – All working of dashboard
4. dropdown.php – PHP code for JSON and insertion data
5. link.php – All links of bootstrap

## Working

### Dashboard (All Fields) –

#### a. Select Brand

- Table – exshowroom\_price
- Onchange – brand\_name()  
(This function filters 'Select Vehicle' field options and change html of 'Select Vehicle')

#### b. Select Vehicle

- Table – exshowroom\_price
- Onchange – vehicle\_name()  
(This function filters 'Select Variant' field options and change html of 'Select Variant')

#### c. Select Variant

- Table – exshowroom\_price

#### d. Vehicle Type

- Table – exshowroom\_price

#### e. Model Year

- Last 12 years as value
- For loop in JavaScript

#### f. Vehicle Number

- Vehicle number in Uppercase
- Input type – input field

#### g. Demand Type

- Table – demand\_type

#### h. Owner Serial

- Table – owner\_serial
- i. KM Run
  - Input type – input field
  - Number Type Only
- j. Approx. Maintenance Cost
  - Input type – input field
  - Number Type Only

Calculate (Button)-

- a. All field data is sent through AJAX to 'dropdown.php' file
- b. Calculation in dropdown.php file
  1. Exshowroom price calculation (Main variable) -
    - Table – exshowroom\_price
    - Get by SQL query
  2. Current year -
    - Using PHP function
    - To find Depreciation Factor
  3. Model Year -
    - From input field
    - Convert into integer
    - To find Depreciation Factor
  4. Year difference -
    - Current year – model year
    - To find Depreciation Factor
  5. Depreciation Factor (Main variable) -
    - Table – depreciation

6. KM Run -

- From input field
- Convert into integer
- To find KmDecline
- 

7. Ideal km -

- Table -ideal\_km
- To find KmDecline

8. KmDecline (Main variable) -

- If Km\_run > ideal\_km
  - $\text{KmDecline} = [(\text{Km\_run} - \text{ideal\_km}) * \text{reduction}] / 1000$
- Else KmDecline = 0

9. Reduction amount (owner\_serial) (Main variable) -

- Table – owner\_serial

10.Reduction amount (demand type) (Main variable) -

- Table – demand\_type

11.Maintenance Cost (Main variable) -

- From input field
- Integer format

Final calculation formula Using main variable

$\text{Temp} = (1 - \text{Depreciation Factor}/100) * \text{Exshowroom\_price}$

$\text{Total\_amount} = \text{Temp} - \text{KmDecline} - \text{Maintenance\_cost} - \text{Reduction amount (owner\_serial)} - \text{Reduction amount (demand type)}$

12. Total\_amount pass to the index page and show

13. Data insertion

- Table – bikes\_database



# Screenshots Of Pricing Tool

## Dashboard page-

The screenshot shows the RIDOBIKO dashboard with the title "Valuation of used two wheelers". The form contains several input fields:

- Select Brand (dropdown menu)
- Select Vehicle (dropdown menu)
- Select Variant (dropdown menu)
- Vehicle Type (dropdown menu)
- Model Year (dropdown menu)
- Vehicle Number (text input)
- Demand Type (dropdown menu)
- Owner Serial (dropdown menu)
- KM Run (text input)
- Approx Maintenance Cost (text input)

A green "Calculate" button is located at the bottom of the form.

## Select Brand name-

This screenshot shows the same dashboard as the previous one, but with the "Select Brand" dropdown menu open. A red arrow points to the "Select brand name by dropdown" text, which is circled. The dropdown menu lists the following options:

- Select
- bajaj
- hero
- honda
- tvS

The "tvS" option is highlighted in blue. The rest of the form and the "Calculate" button remain visible below.

## Select Vehicle name

localhost/ridobiko\_all/pricing/

RIDOBIKO

### Valuation of used two wheelers

These Option obtain on the basis of brand name

Select Brand: tvs

Select Vehicle: Apache

Select Variant: Select

Vehicle Type: Select

Vehicle Number:

Demand Type: Select

Owner Serial: Select

KM Run: Enter KM Run

Approx Maintenance Cost: Enter Maintenance Cost

Calculate

## Select variant

localhost / 127.0.0.1 / pricingtool / bi... Subtracting two dates in php - Stack... Pricing Tool

localhost/ridobiko\_all/pricing/

RIDOBIKO

### Valuation of used two wheelers

Variant obtain on the basis of brand and vehicle name

Select Brand: tvs

Select Vehicle: Apache

Select Variant: 160cc

Vehicle Type: Select

Model Year: Select

Vehicle Number:

Demand Type: Select

Owner Serial: Select

KM Run: Enter KM Run

Approx Maintenance Cost: Enter Maintenance Cost

Calculate

## Model year and vehicle number

localhost/ridobiko\_all/pricing/ RIDOBIKO

### Valuation of used two wheelers

Select Brand: Select

Select Vehicle: Select

Select Variant: Select

Vehicle Type: Select

Model Year: Select

Vehicle Number: ASD123

Demand Type: Select

KM Run: Enter KM Run

Annotations:

- Red circle around "Select" in Vehicle Type with arrow pointing to "2019" in the Model Year dropdown: Last 12 years from current year
- Red circle around "ASD123" in Vehicle Number: All characters in uppercase

## Calculated amount of vehicle

localhost/ridobiko\_all/pricing/ RIDOBIKO

### Valuation of used two wheelers

Select Brand: tvs

Select Vehicle: Apache

Select Variant: 160cc

Vehicle Type: Cruise

Model Year: 2020

Vehicle Number: ASLFW123

Demand Type: Less Demanding

Owner Serial: 1

KM Run: 2000

Approx Maintenance Cost: 5000

Calculate

On click Calculate button we get Vehicle amount

**Estimated Price of 2020 model tvs Apache is : 45000**

The value given belows an estimated value only. Actual value may very depending on the condition of the two-wheeler and several other factors.

Thank you