

# Rmarkdown Tutorial for Training

Amul Kumar Acharya

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# 1 Heading 1

## 1.1 Heading 2

### 1.1.1 Heading 3

#### 1.1.1.1 Heading 4

## 1.2 *Italic*

## 1.3 **Bold**

## 1.4 ***Bold Italic***

## 1.5 List

1. Item 1
2. Item 2
3. Item 3

## 1.6 Bullets

- Bullets 1
- Bullets 2
- Bullets 3

## 1.7 Link

you can add link:- [here is link of MOFE](#)

## 1.8 Table

### 1.8.1 Method 1

Table 1: Landcover 2019

| Forest | OWL  | Grassland |
|--------|------|-----------|
| 47.57  | 3.45 | 10.6      |

### 1.8.2 Method 2

```
id<-seq(1:5)
dbh<- c(5,10,15,20,25)
ht<- c(2,4,6,8,10)
dset1 <- data.frame(id,dbh,ht)
knitr::kable(dset1,caption = "Diameter Height")
```

Table 2: Diameter Height

| id | dbh | ht |
|----|-----|----|
| 1  | 5   | 2  |
| 2  | 10  | 4  |
| 3  | 15  | 6  |
| 4  | 20  | 8  |

| id | dbh | ht |
|----|-----|----|
| 5  | 25  | 10 |

## 1.9 Budget

The budget allocated for this fiscal year(2080/81) is given in the table below.

Table 3: Estimated Budget

| S.N | Particulars   | Unit  | Quantity | Rate  | Total         | Remarks |
|-----|---------------|-------|----------|-------|---------------|---------|
| 1   | TADA          | LS    |          |       | 200000        |         |
| 2   | Vehicle       | Days  | 50       | 10000 | 500000        |         |
| 3   | Fuel          | Liter | 1000     | 150   | 150000        |         |
| 4   | Paper/tonner  | LS    |          |       | 40000         |         |
| 5   | Miscellaneous | LS    |          |       | 10000         |         |
|     | <b>Total</b>  |       |          |       | <b>900000</b> |         |

.....  
Prepared by:  
Suhas Phuyal  
( Forest Officer )

.....  
Checked by:  
Prakash Thapa  
( UnderSecretary )

.....  
Approved by:  
Nabaraj Pudasaini  
(Chief)

## 1.10 Figure

### 1.10.1 Method 1



Figure 1: Nepal Logo

### 1.10.2 Method 2

```
dbh<- c(5,10,15,20,25)
ht<- c(2,4,6,8,10)
plot(dbh,ht,pch=1,cex=1.5,col="blue")
```

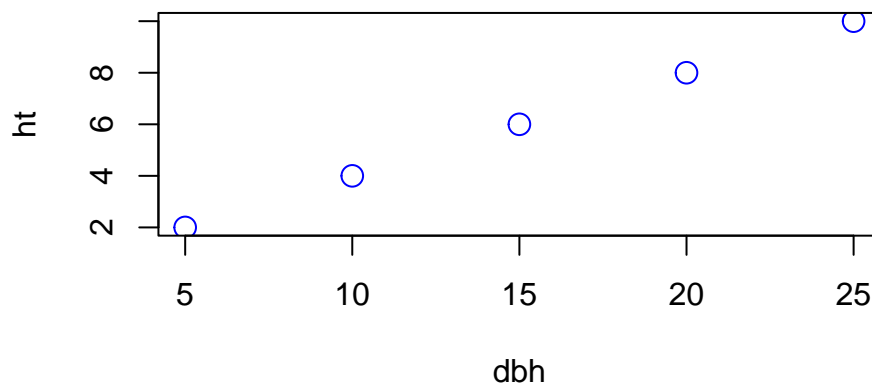


Figure 2: Diameter Height relationship

### 1.11 Formula latex

Basic:  $2x + 4y - 3z/12 * 43.8$

Exponents:  $3^{2x}$

Subscripts:  $Y_i$

Summation:  $\sum_{i=1}^{10} x_i$

Integral:  $\int_1^{10} x dx$

Fractions:  $\frac{3x-9}{2}$

Hat:  $\hat{x}$

Bar:  $\bar{x}$

Square root:  $\sqrt{b^2 - 4ac}$

Some greek:  $\alpha$

$\beta$

$\chi$

$\delta$

$\epsilon$

$\lambda$

$\mu$

$\pi$

$\rho$

$\sigma$

$\theta$

$\infty$

## 1.12 Citation

This is the citation of paper(Acharya, Chaudhary, and Khanal 2016).

#### References

- Acharya, A. K., A. K. Chaudhary, and S. Khanal. 2016. "Identification of Land Reclamation Area and Potential Plantation Area on Bagmati River-Basin in the Terai Region of Nepal." *Banko Janakari* 26 (1): 53–59. <https://doi.org/10.3126/banko.v26i1.15502>.