

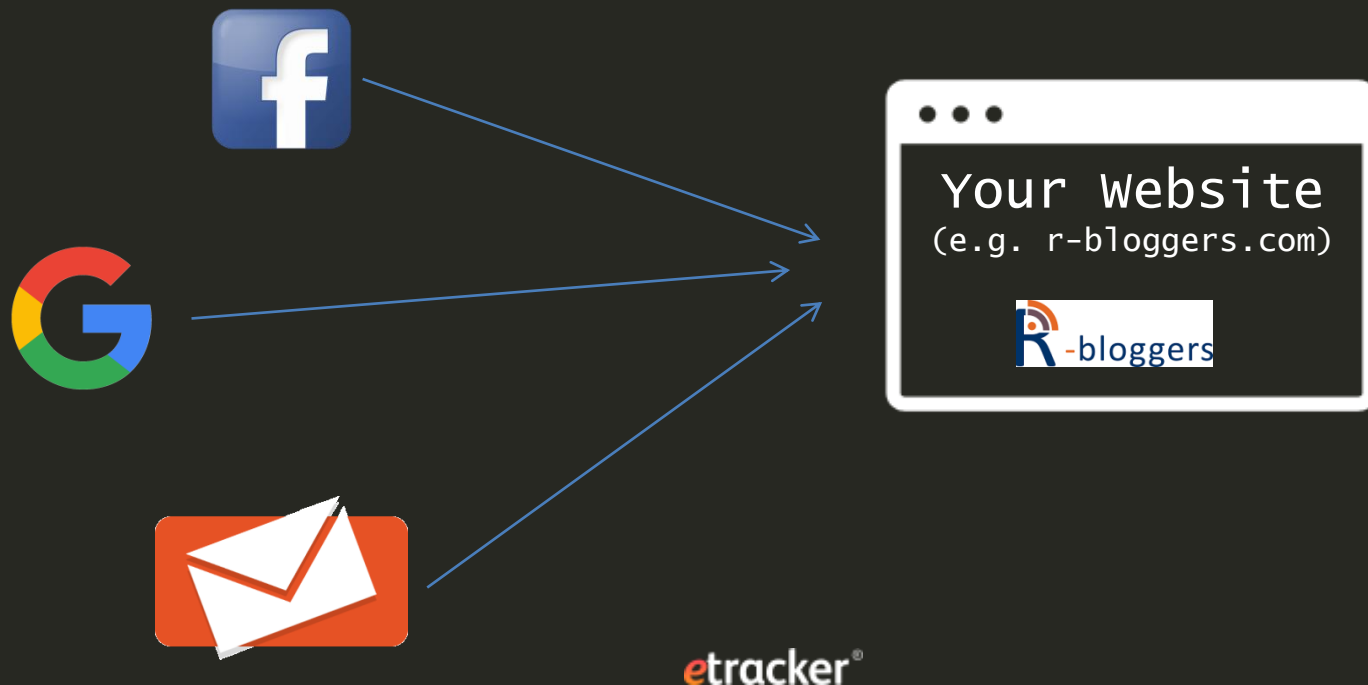
Multidimensional Clustering of web Analytics Data

Lightning Talk for European R Users Meeting

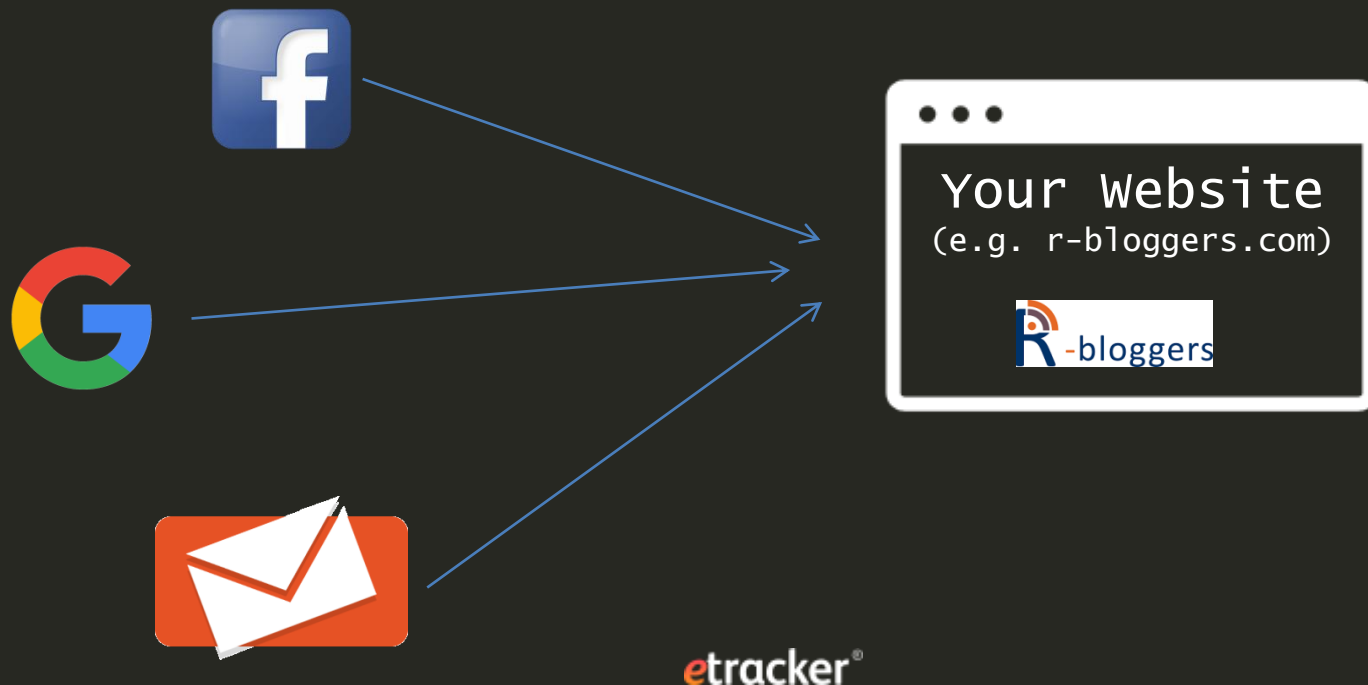
14/10/2016

Alexander Kruse – Data Analyst

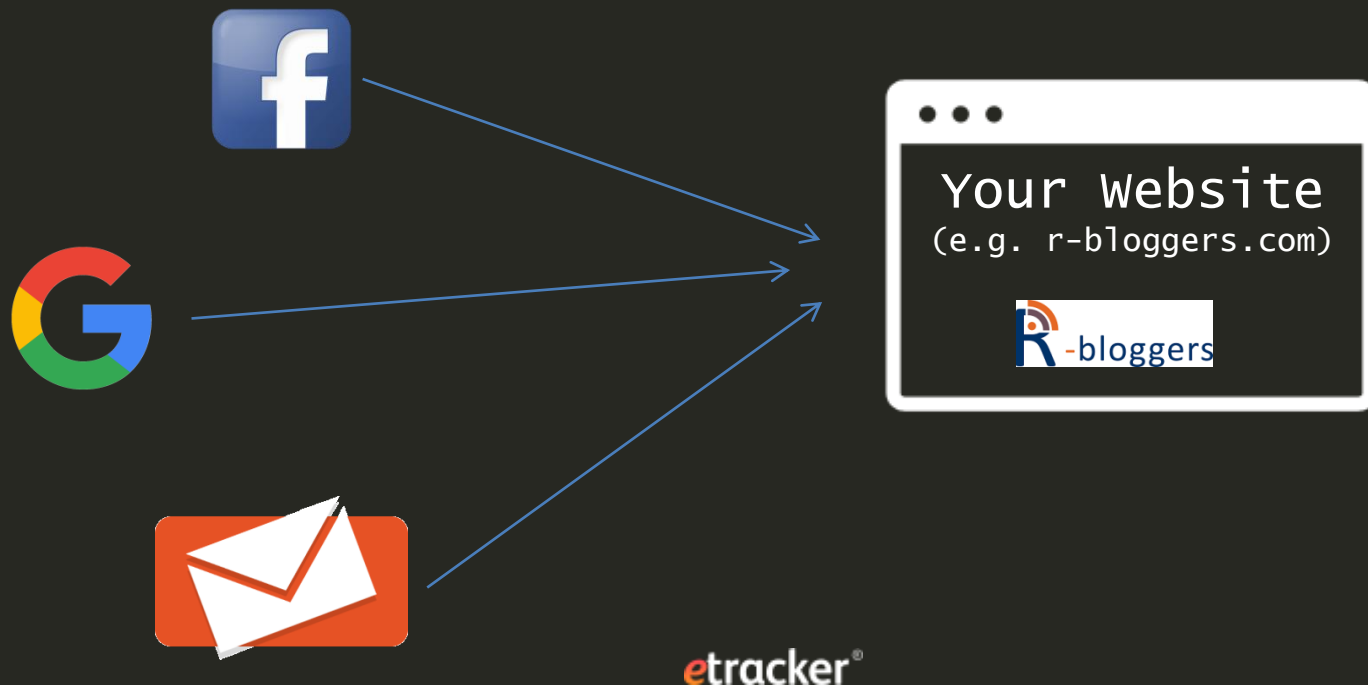
Multidimensional Clustering of web Analytics Data



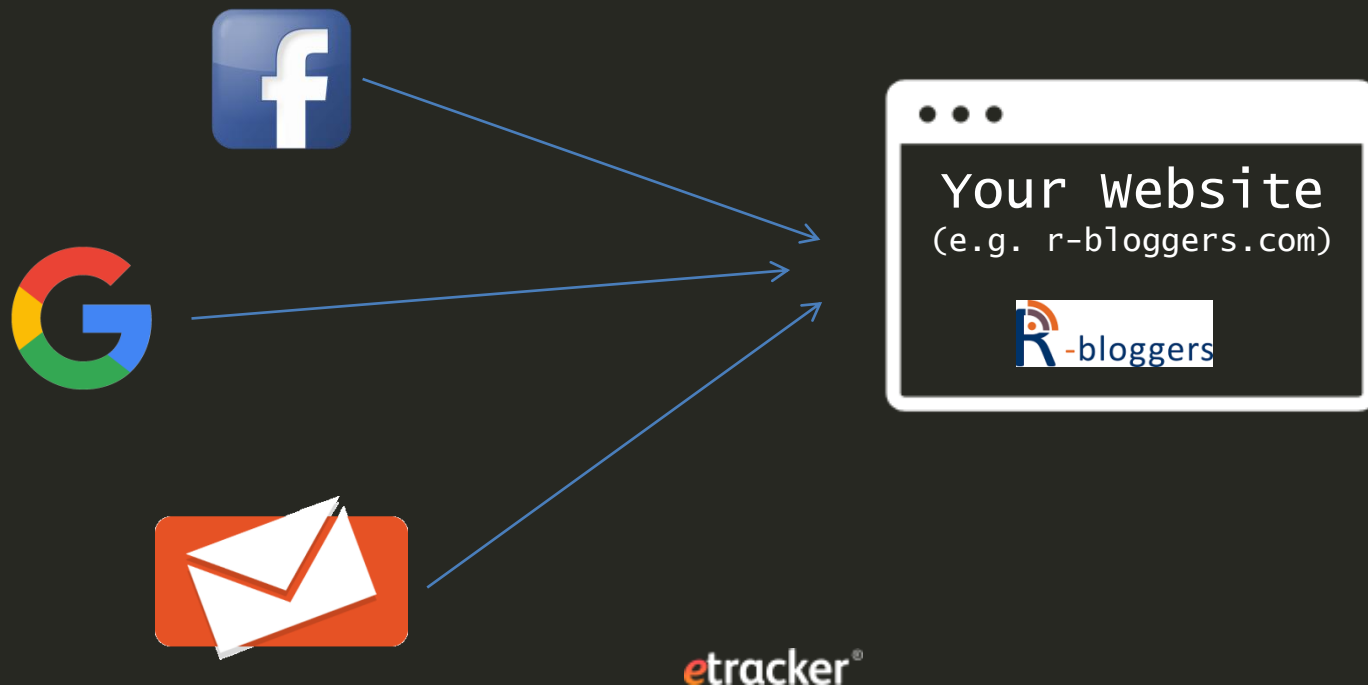
Multidimensional Clustering of web Analytics Data



Multidimensional Clustering of web Analytics Data

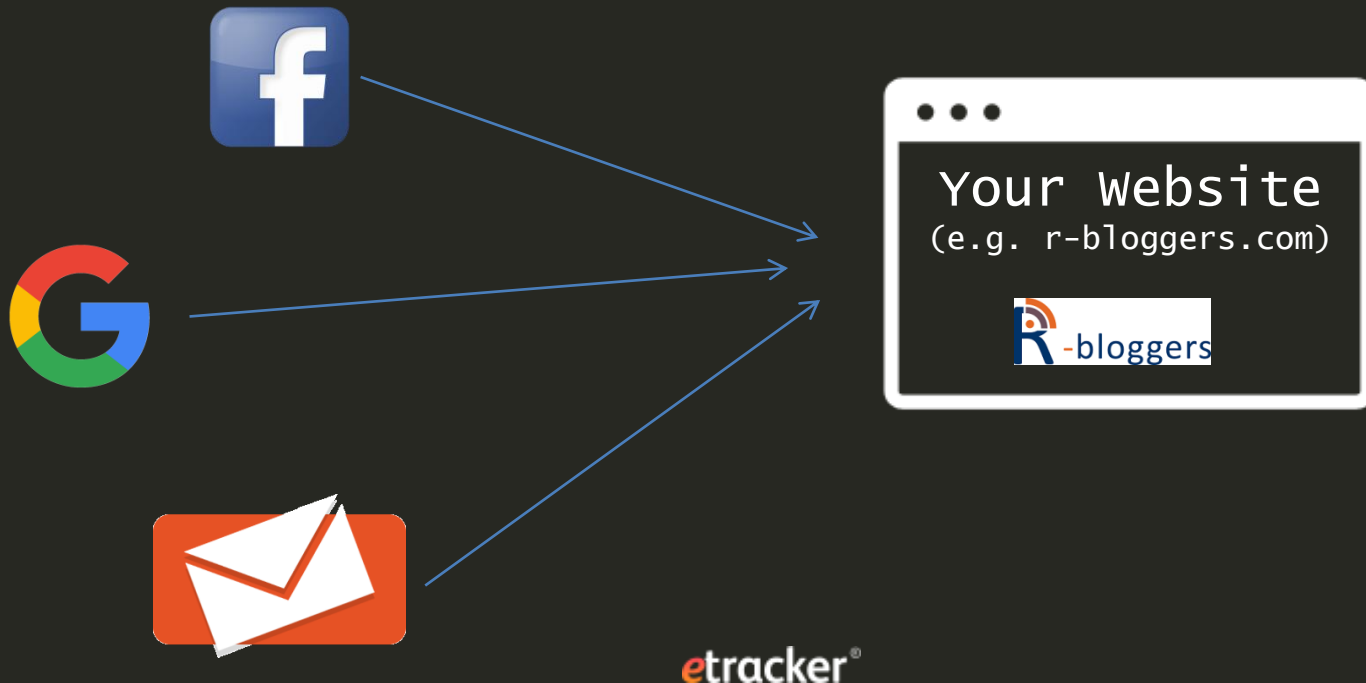


Multidimensional Clustering of web Analytics Data



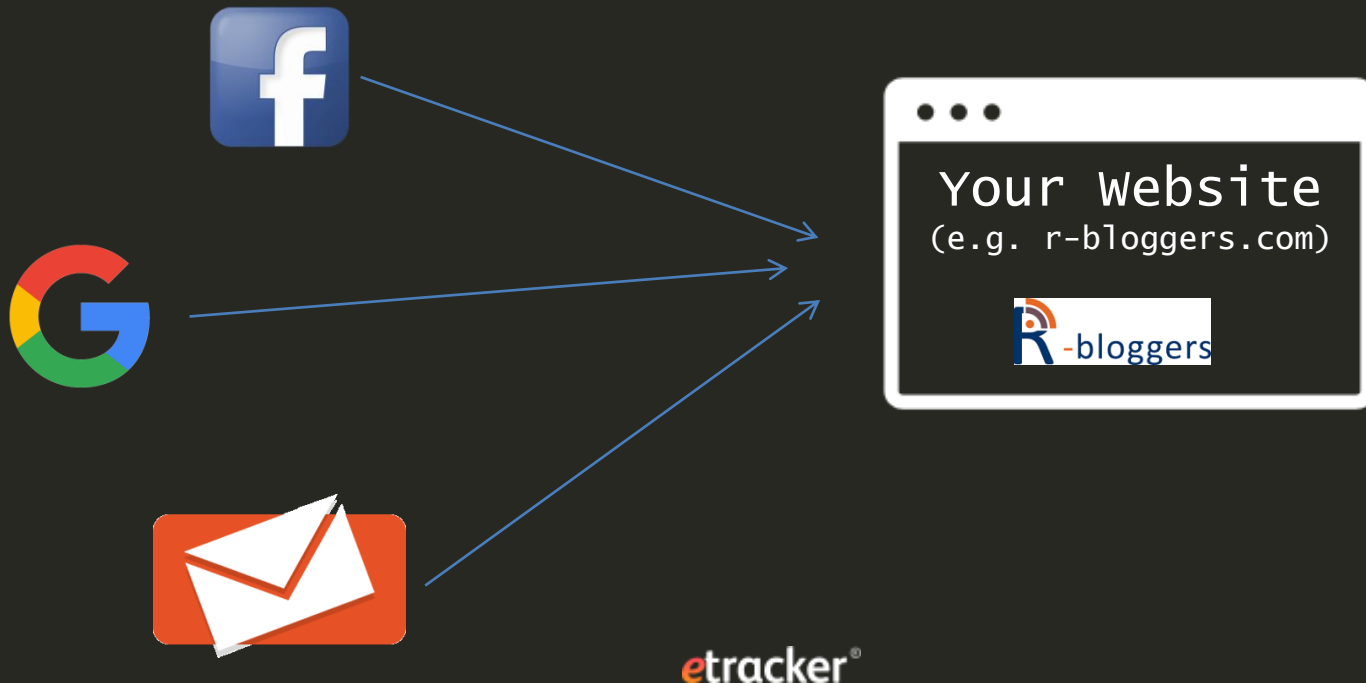
Multidimensional Clustering of web Analytics Data

visitor	Facebook Link	Google Search	Newsletter Link	Σ (Visits)
v0001	2	1	2	= 5
v0002	2	2	1	= 5
v0003	4	3	4	= 11



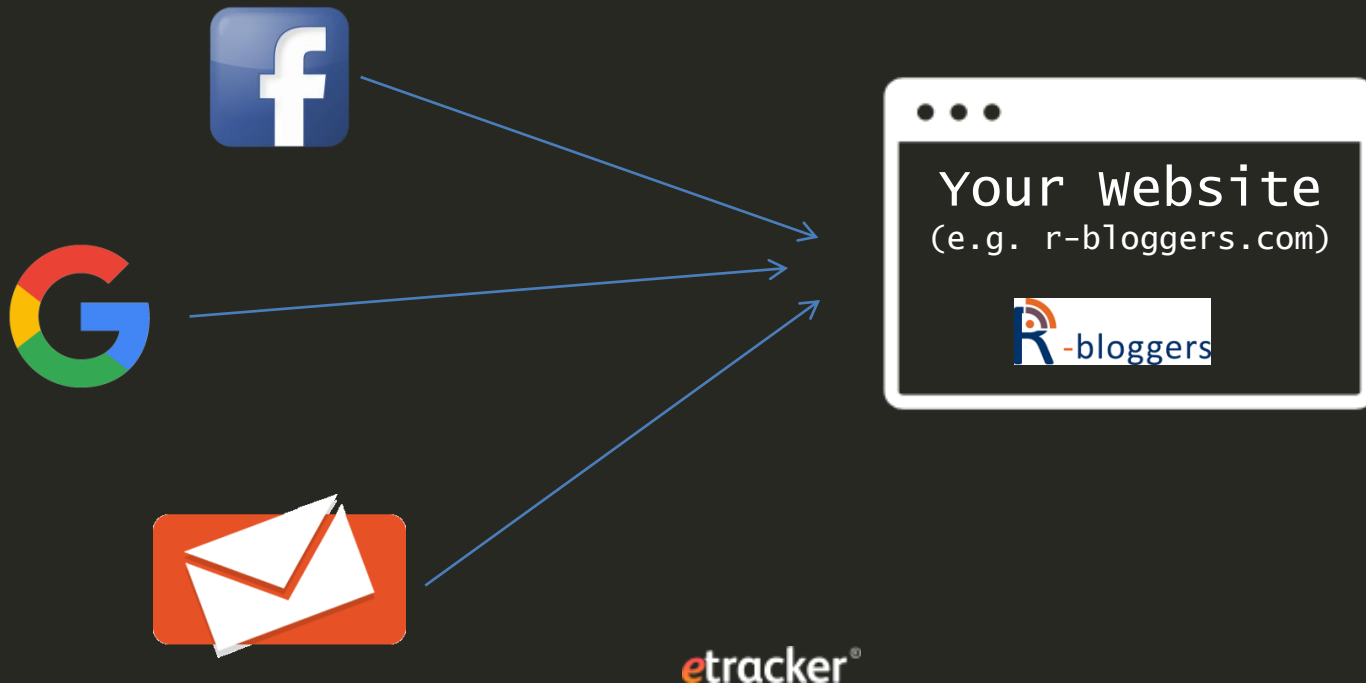
Multidimensional Clustering of web Analytics Data

visitor	Facebook Link	Google Search	Newsletter Link	Σ (Visits)
v0001	2	1	2	= 5
v0002	2	2	1	= 5
v0003	4	3	4	= 11



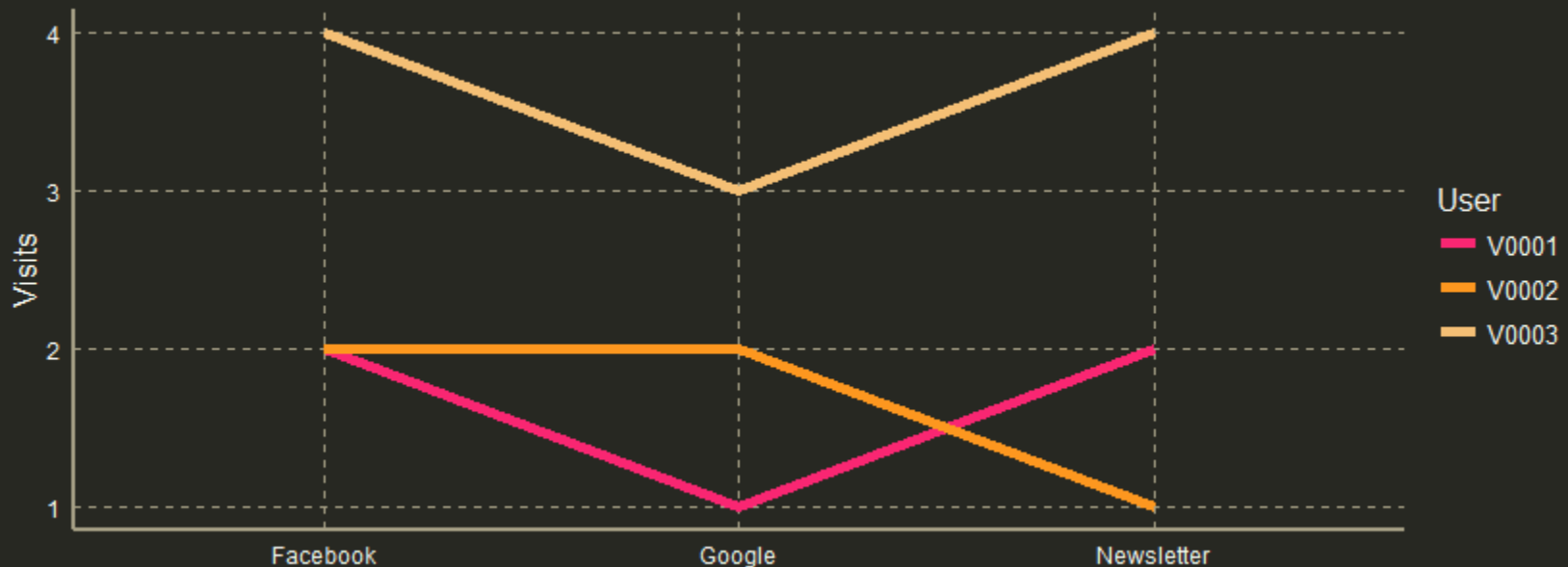
Multidimensional Clustering of web Analytics Data

visitor	Facebook Link	Google Search	Newsletter Link	Σ (Visits)
v0001	2	1	2	= 5
v0002	2	2	1	= 5
v0003	4	3	4	= 11



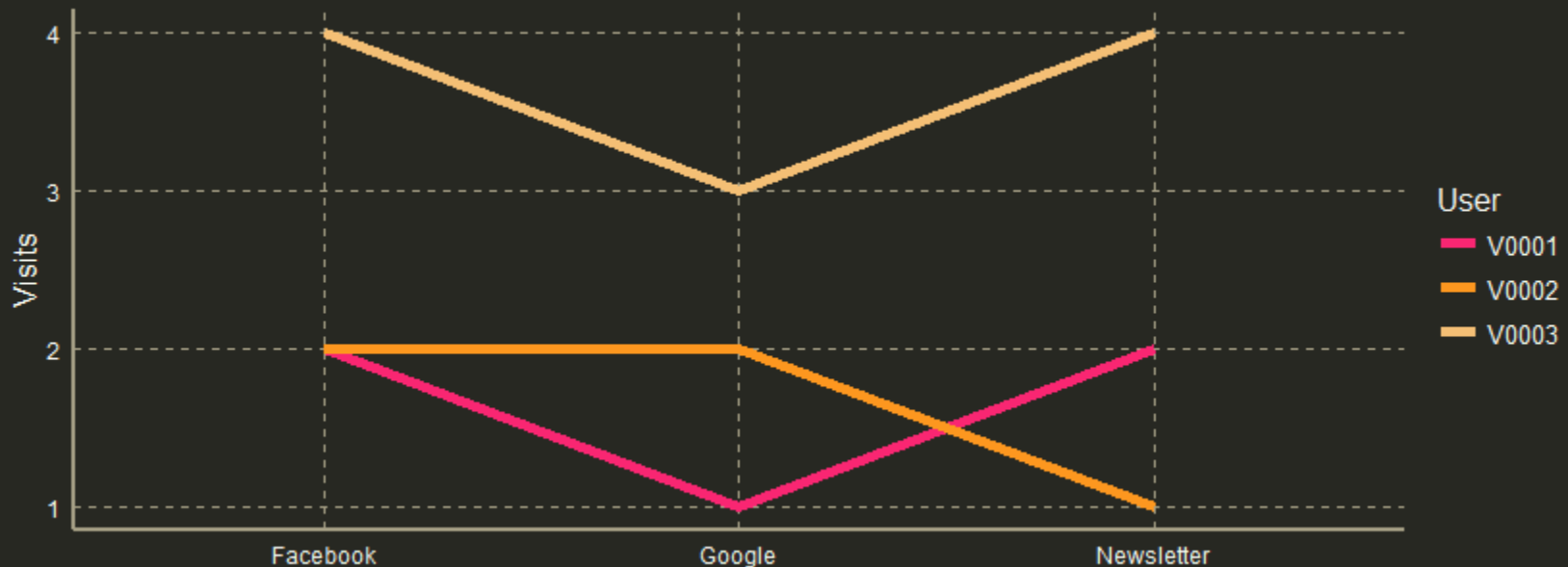
Multidimensional Clustering of web Analytics Data

visitor	Facebook Link	Google Search	Newsletter Link	Σ (Visits)
v0001	2	1	2	= 5
v0002	2	2	1	= 5
v0003	4	3	4	= 11



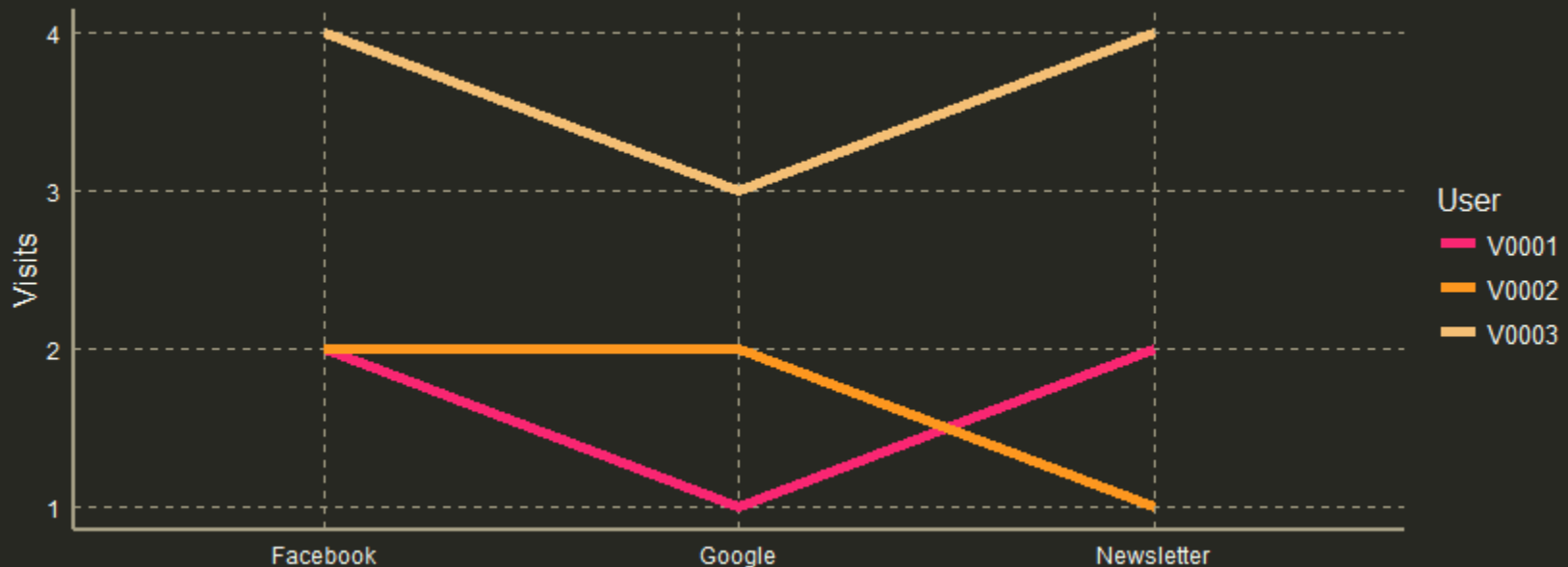
Multidimensional Clustering of web Analytics Data

visitor	Facebook Link	Google Search	Newsletter Link	Σ (Visits)
v0001	2	1	2	= 5
v0002	2	2	1	= 5
v0003	4	3	4	= 11



Multidimensional Clustering of web Analytics Data

visitor	Facebook Link	Google Search	Newsletter Link	Σ (Visits)
V0001	2	1	2	= 5
V0002	2	2	1	= 5
V0003	4	3	4	= 11



Multidimensional Clustering of web Analytics Data

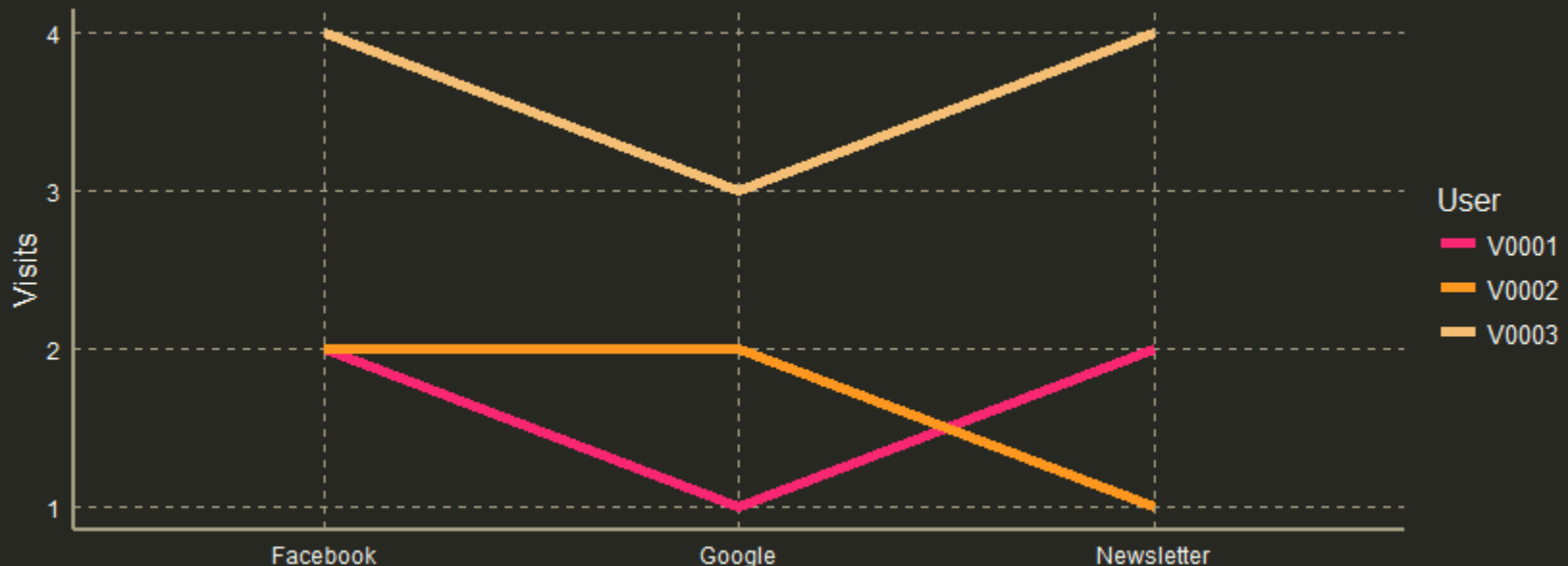
visitor	Facebook Link	Google Search	Newsletter Link	Σ (Visits)
v0001	2	1	2	= 5
v0002	2	2	1	= 5
v0003	4	3	4	= 11

```
> dist(as.matrix(data), method = "euclidean")
```

```
      v0001  v0002  
v0002 1.414214  
v0003 3.464102 3.741657
```

```
> simil(as.matrix(data), method = "pearson")
```

```
      v0001  v0002  
v0002 0.4472136  
v0003 0.7071068 0.4472136
```



Multidimensional Clustering of web Analytics Data

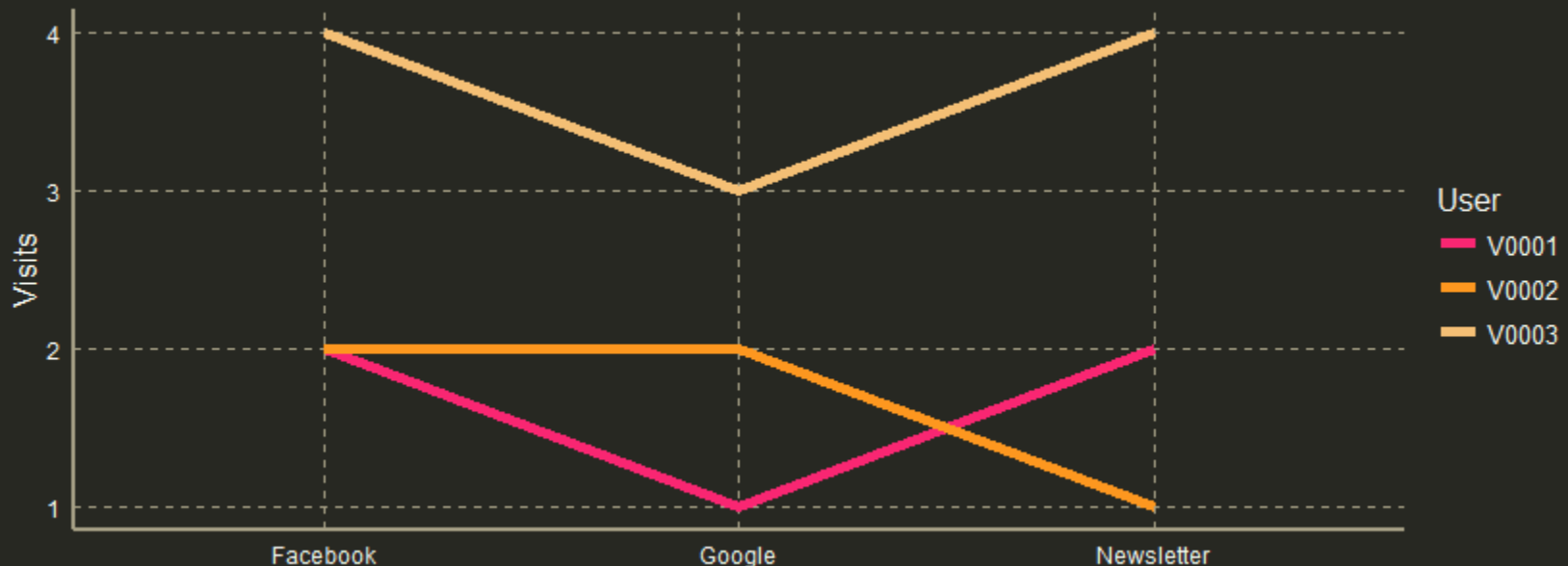
visitor	Facebook Link	Google Search	Newsletter Link	Σ (Visits)
v0001	2	1	2	= 5
v0002	2	2	1	= 5
v0003	4	3	4	= 11

```
> dist(as.matrix(data), method = "euclidean")
```

```
      v0001  v0002  
v0002 1.414214  
v0003 3.464102 3.741657
```

```
> simil(as.matrix(data), method = "pearson")
```

```
      v0001  v0002  
v0002 0.4472136  
v0003 0.7071068 0.4472136
```



Multidimensional Clustering of web Analytics Data

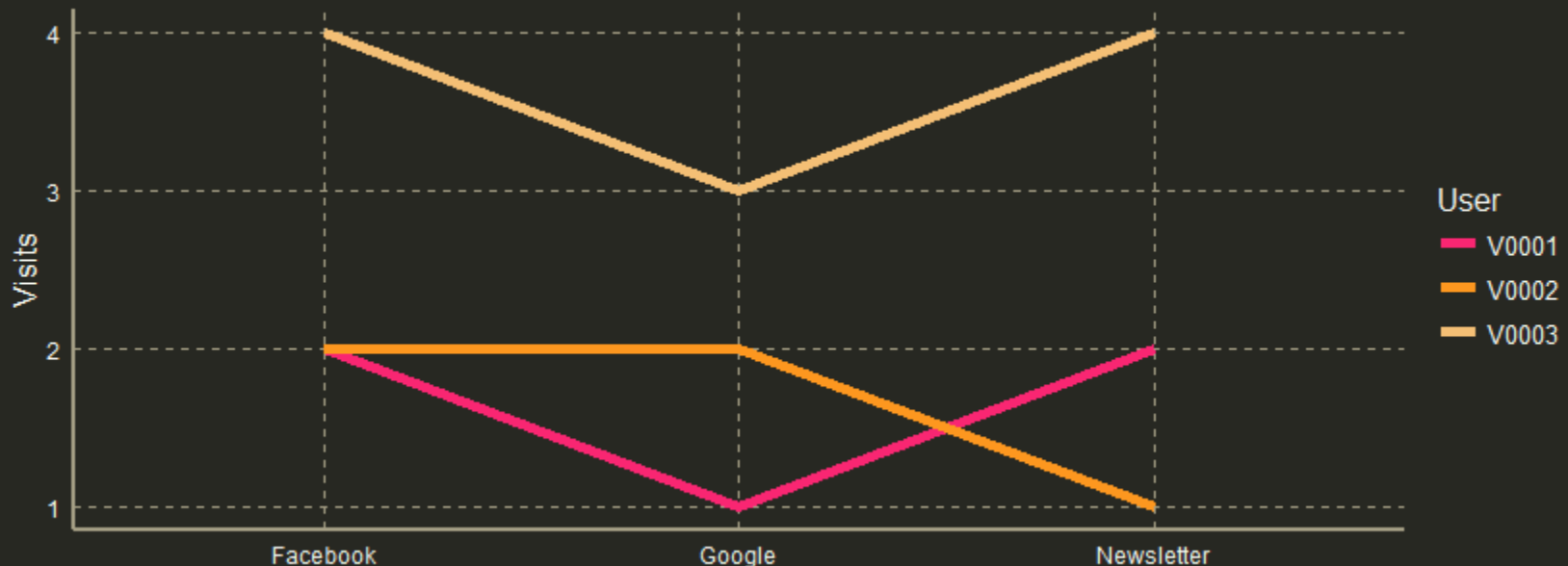
visitor	Facebook Link	Google Search	Newsletter Link	Σ (Visits)
v0001	2	1	2	= 5
v0002	2	2	1	= 5
v0003	4	3	4	= 11

```
> dist(as.matrix(data), method = "euclidean")
```

```
      v0001  v0002  
v0002 1.414214  
v0003 3.464102 3.741657
```

```
> simil(as.matrix(data), method = "pearson")
```

```
      v0001  v0002  
v0002 0.4472136  
v0003 0.7071068 0.4472136
```



Multidimensional Clustering of web Analytics Data

visitor	Facebook Link	Google Search	Newsletter Link	Σ (Visits)
v0001	2	1	2	= 5
v0002	2	2	1	= 5
v0003	4	3	4	= 11

```
> dist(as.matrix(data), method = "euclidean")
```

```
      v0001  v0002  
v0002 1.414214  
v0003 3.464102 3.741657
```

```
> simil(as.matrix(data), method = "pearson")
```

```
      v0001  v0002  
v0002 0.4472136  
v0003 0.7071068 0.4472136
```

