**Problem Statement For Bike Renting :**

The objective of this Case is to Predication of bike rental count on daily based on the environmental and seasonal settings.

The details of data attributes in the dataset are as follows –

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| instant | Record index |
| dteday | Date |
| season | Season (1:springer, 2:summer, 3:fall, 4:winter) |
| yr | Year (0: 2011, 1:2012) |
| mnth | Month (1 to 12) |
| hr | Hour (0 to 23) |
| holiday | weather day is holiday or not (extracted fromHoliday Schedule) |
| weekday | Day of the week |
| workingday | If day is neither weekend nor holiday is 1, otherwise is 0. |
| weathersit | (extracted fromFreemeteo)  1: Clear, Few clouds, Partly cloudy, Partly cloudy  2: Mist + Cloudy, Mist + Broken clouds, Mist + Few clouds, Mist  3: Light Snow, Light Rain + Thunderstorm + Scattered clouds, Light Rain + Scattered clouds  4: Heavy Rain + Ice Pallets + Thunderstorm + Mist, Snow + Fog |
| temp | Normalized temperature in Celsius. The values are derived via  (t-t\_min)/(t\_max-t\_min),  t\_min=-8, t\_max=+39 (only in hourly scale) |
| atemp | Normalized feeling temperature in Celsius. The values are derived via  (t-t\_min)/(t\_maxt\_  min), t\_min=-16, t\_max=+50 (only in hourly scale) |
| hum | Normalized humidity. The values are divided to 100 (max) |
| windspeed | Normalized wind speed. The values are divided to 67 (max) |
| casual | count of casual users |
| registered | count of registered users |
| cnt | count of total rental bikes including both casual and registered |

**Data Set:**

**1** [**) Day.csv**](day.csv)