**Bank client data:**

1 - age (numeric)  
2 - job : type of job (categorical: 'admin.','blue-collar','entrepreneur','housemaid','management','retired','self-employed','services','student','technician','unemployed','unknown')  
3 - marital : marital status (categorical: 'divorced','married','single','unknown'; note: 'divorced' means divorced or widowed)  
4 - education (categorical: 'basic.4y','basic.6y','basic.9y','high.school','illiterate','professional.course','university.degree','unknown')  
5 - default: has credit in default? (categorical: 'no','yes','unknown')  
6 - housing: has housing loan? (categorical: 'no','yes','unknown')  
7 - loan: has personal loan? (categorical: 'no','yes','unknown')

**related with the last contact of the current campaign:**

8 - contact: contact communication type (categorical: 'cellular','telephone')  
9 - month: last contact month of year (categorical: 'jan', 'feb', 'mar', …, 'nov', 'dec')  
10 - day\_of\_week: last contact day of the week (categorical: 'mon','tue','wed','thu','fri')  
11 - duration: last contact duration, in seconds (numeric). Important note: this attribute highly affects the output target (e.g., if duration=0 then y='no'). Yet, the duration is not known before a call is performed. Also, after the end of the call y is obviously known. Thus, this input should only be included for benchmark purposes and should be discarded if the intention is to have a realistic predictive model.

**other attributes:**

12 - campaign: number of contacts performed during this campaign and for this client (numeric, includes last contact)  
13 - pdays: number of days that passed by after the client was last contacted from a previous campaign (numeric; 999 means client was not previously contacted)  
14 - previous: number of contacts performed before this campaign and for this client (numeric)  
15 - poutcome: outcome of the previous marketing campaign (categorical: 'failure','nonexistent','success')

**social and economic context attributes**

16 - emp.var.rate: employment variation rate - quarterly indicator (numeric)  
17 - cons.price.idx: consumer price index - monthly indicator (numeric)  
18 - cons.conf.idx: consumer confidence index - monthly indicator (numeric)  
19 - euribor3m: euribor 3 month rate - daily indicator (numeric)  
20 - nr.employed: number of employees - quarterly indicator (numeric)

Output variable (desired target):  
21 - y - has the client subscribed a term deposit? (binary: 'yes','no')

El conjunto de este data set está compuesto por 20 variables + 1 variable a predecir. En total son 21.

**Las 20 variables predictoras se componen de 4 formas:**

* Datos del cliente (histórico y disposición de compra)
* Datos relacionados con la campaña telefónica
* Datos de contexto socioeconómico
* Otros atributos