

Detailed Column Descriptions									
Bank Client Data:									
1 - age (numeric)									
2 - job : type of job (categorical: "admin.", "unknown", "unemployed", "management", "housemaid", "entrepreneur", "student", "blue-collar", "self-employed", "retired", "technician", "services")									
3 - marital : marital status (categorical: "married", "divorced", "single"; note: "divorced" means divorced or widowed)									
4 - education (categorical: "unknown", "secondary", "primary", "tertiary")									
5 - default: has credit in default? (binary: "yes", "no")									
6 - balance: average yearly balance, in euros (numeric)									
7 - housing: has housing loan? (binary: "yes", "no")									
8 - loan: has personal loan? (binary: "yes", "no")									
# related with the last contact of the current campaign:									
9 - contact: contact communication type (categorical: "unknown", "telephone", "cellular")									
10 - day: last contact day of the month (numeric)									
11 - month: last contact month of year (categorical: "jan", "feb", "mar", ..., "nov", "dec")									
12 - duration: last contact duration, in seconds (numeric)									
# Other Attributes:									
13 - campaign: number of contacts performed during this campaign and for this client (numeric, includes last contact)									
14 - pdays: number of days that passed by after the client was last contacted from a previous campaign (numeric, -1 means client was not previously contacted)									
15 - previous: number of contacts performed before this campaign and for this client (numeric)									
16 - poutcome: outcome of the previous marketing campaign (categorical: "unknown", "other", "failure", "success")									
Output Variable (desired target):									
17 - y: has the client subscribed a term deposit? (binary: "yes", "no")									
Missing Attribute Values: None									