

## ▼ About the Dataset :

Customer Personality Analysis is a detailed analysis of a company's ideal customers. It helps a business to better understand its customers and makes it easier for them to modify products according to the specific needs, behaviors and concerns of different types of customers.

Customer personality analysis helps a business to modify its product based on its target customers from different types of customer segments. For example, instead of spending money to market a new product to every customer in the company's database, a company can analyze which customer segment is most likely to buy the product and then market the product only on that particular segment

```
#IMPORT THE LIBRARIES
```

```
import numpy as np
import pandas as pd
from matplotlib import pyplot as plt
import seaborn as sns
import matplotlib
from datetime import date
import warnings

pd.set_option("display.max_rows",None)
pd.set_option("display.max_columns",None)
```

```
# Load the data from csv file to pandas DataFrame
```



```
customer_data=pd.read_csv('/content/marketing_campaign.csv',se  
customer_data
```

|    | ID   | Year_Birth | Education  | Marital_Status | Income  | Kidhome | Teenl |
|----|------|------------|------------|----------------|---------|---------|-------|
| 0  | 5524 | 1957       | Graduation | Single         | 58138.0 | 0       |       |
| 1  | 2174 | 1954       | Graduation | Single         | 46344.0 | 1       |       |
| 2  | 4141 | 1965       | Graduation | Together       | 71613.0 | 0       |       |
| 3  | 6182 | 1984       | Graduation | Together       | 26646.0 | 1       |       |
| 4  | 5324 | 1981       | PhD        | Married        | 58293.0 | 1       |       |
| 5  | 7446 | 1967       | Master     | Together       | 62513.0 | 0       |       |
| 6  | 965  | 1971       | Graduation | Divorced       | 55635.0 | 0       |       |
| 7  | 6177 | 1985       | PhD        | Married        | 33454.0 | 1       |       |
| 8  | 4855 | 1974       | PhD        | Together       | 30351.0 | 1       |       |
| 9  | 5899 | 1950       | PhD        | Together       | 5648.0  | 1       |       |
| 10 | 1994 | 1983       | Graduation | Married        | NaN     | 1       |       |
| 11 | 387  | 1976       | Basic      | Married        | 7500.0  | 0       |       |
| 12 | 2125 | 1959       | Graduation | Divorced       | 63033.0 | 0       |       |
| 13 | 8180 | 1952       | Master     | Divorced       | 59354.0 | 1       |       |
| 14 | 2569 | 1987       | Graduation | Married        | 17323.0 | 0       |       |
| 15 | 2114 | 1946       | PhD        | Single         | 82800.0 | 0       |       |
| 16 | 9736 | 1980       | Graduation | Married        | 41850.0 | 1       |       |
| 17 | 4939 | 1946       | Graduation | Together       | 37760.0 | 0       |       |
| 18 | 6565 | 1949       | Master     | Married        | 76995.0 | 0       |       |
| 19 | 2278 | 1985       | 2n Cycle   | Single         | 33812.0 | 1       |       |
| 20 | 9360 | 1982       | Graduation | Married        | 37040.0 | 0       |       |
| 21 | 5376 | 1979       | Graduation | Married        | 2447.0  | 1       |       |
| 22 | 1993 | 1949       | PhD        | Married        | 58607.0 | 0       |       |
| 23 | 4047 | 1954       | PhD        | Married        | 65324.0 | 0       |       |
| 24 | 1409 | 1951       | Graduation | Together       | 40689.0 | 0       |       |
| 25 | 2404 | 1970       | Graduation | Single         | 18589.0 | 0       |       |
| 26 | 2404 | 1970       | Graduation | Married        | 53359.0 | 1       |       |
| 27 | 5255 | 1986       | Graduation | Single         | NaN     | 1       |       |
| 28 | 9422 | 1989       | Graduation | Married        | 38360.0 | 1       |       |

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|           |       |      |            |          |         |   |
|-----------|-------|------|------------|----------|---------|---|
| <b>29</b> | 1966  | 1965 | PhD        | Married  | 84618.0 | 0 |
| <b>30</b> | 6864  | 1989 | Master     | Divorced | 10979.0 | 0 |
| <b>31</b> | 3033  | 1963 | Master     | Together | 38620.0 | 0 |
| <b>32</b> | 5710  | 1970 | Graduation | Together | 40548.0 | 0 |
| <b>33</b> | 7373  | 1952 | PhD        | Divorced | 46610.0 | 0 |
| <b>34</b> | 8755  | 1946 | Master     | Married  | 68657.0 | 0 |
| <b>35</b> | 10738 | 1951 | Master     | Single   | 49389.0 | 1 |
| <b>36</b> | 4339  | 1970 | PhD        | Married  | 67353.0 | 0 |
| <b>37</b> | 10755 | 1976 | 2n Cycle   | Married  | 23718.0 | 1 |
| <b>38</b> | 8595  | 1973 | Graduation | Widow    | 42429.0 | 0 |
| <b>39</b> | 2968  | 1943 | PhD        | Divorced | 48948.0 | 0 |
| <b>40</b> | 8601  | 1980 | Graduation | Married  | 80011.0 | 0 |
| <b>41</b> | 503   | 1985 | Master     | Married  | 20559.0 | 1 |
| <b>42</b> | 8430  | 1957 | Graduation | Together | 21994.0 | 0 |
| <b>43</b> | 7281  | 1959 | PhD        | Single   | NaN     | 0 |
| <b>44</b> | 2139  | 1975 | Master     | Married  | 7500.0  | 1 |
| <b>45</b> | 1371  | 1976 | Graduation | Single   | 79941.0 | 0 |
| <b>46</b> | 9909  | 1996 | 2n Cycle   | Married  | 7500.0  | 0 |
| <b>47</b> | 7286  | 1968 | Graduation | Together | 41728.0 | 1 |
| <b>48</b> | 7244  | 1951 | Graduation | Single   | NaN     | 2 |
| <b>49</b> | 6566  | 1954 | PhD        | Married  | 72550.0 | 1 |
| <b>50</b> | 8614  | 1957 | Graduation | Widow    | 65486.0 | 0 |
| <b>51</b> | 4114  | 1964 | Master     | Married  | 79143.0 | 0 |
| <b>52</b> | 1331  | 1977 | Graduation | Single   | 35790.0 | 1 |
| <b>53</b> | 2225  | 1977 | Graduation | Divorced | 82582.0 | 0 |
| <b>54</b> | 9381  | 1978 | Graduation | Married  | 66373.0 | 1 |
| <b>55</b> | 6260  | 1955 | Master     | Together | 82384.0 | 0 |
| <b>56</b> | 10383 | 1966 | Graduation | Divorced | 70287.0 | 0 |
| <b>57</b> | 7437  | 1988 | Graduation | Single   | 27938.0 | 1 |
| <b>58</b> | 7437  | 1988 | Graduation | Single   | NaN     | 1 |
| <b>59</b> | 8375  | 1968 | PhD        | Married  | 55954.0 | 0 |
| <b>60</b> | 6853  | 1982 | Master     | Single   | 75777.0 | 0 |
| <b>61</b> | 3076  | 1975 | Graduation | Together | 66653.0 | 1 |

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|    |       |      |            |          |         |   |
|----|-------|------|------------|----------|---------|---|
| 61 | 5070  | 1975 | Graduation | together | 60055.0 | 1 |
| 62 | 1012  | 1952 | Graduation | Single   | 61823.0 | 0 |
| 63 | 6518  | 1951 | PhD        | Widow    | 67680.0 | 0 |
| 64 | 4137  | 1948 | Graduation | Together | 70666.0 | 0 |
| 65 | 8082  | 1971 | Graduation | Married  | 25721.0 | 1 |
| 66 | 1386  | 1967 | Graduation | Together | 32474.0 | 1 |
| 67 | 9369  | 1979 | 2n Cycle   | Single   | 88194.0 | 0 |
| 68 | 4477  | 1958 | Graduation | Together | 69096.0 | 0 |
| 69 | 1357  | 1970 | Graduation | Together | 74854.0 | 1 |
| 70 | 1402  | 1954 | Master     | Married  | 66991.0 | 0 |
| 71 | 10629 | 1973 | 2n Cycle   | Married  | NaN     | 1 |
| 72 | 6312  | 1959 | Graduation | Married  | 65031.0 | 0 |
| 73 | 8132  | 1975 | PhD        | Married  | 60631.0 | 1 |
| 74 | 1050  | 1952 | Graduation | Married  | 28332.0 | 0 |
| 75 | 5846  | 1977 | Graduation | Divorced | 40246.0 | 1 |
| 76 | 1859  | 1972 | Master     | Married  | 75251.0 | 0 |
| 77 | 7503  | 1976 | Graduation | Single   | 75825.0 | 0 |
| 78 | 10401 | 1976 | 2n Cycle   | Together | 26326.0 | 0 |
| 79 | 1618  | 1965 | Graduation | Together | 56046.0 | 0 |
| 80 | 3332  | 1985 | Graduation | Single   | 29760.0 | 1 |
| 81 | 2261  | 1969 | Graduation | Married  | 26304.0 | 1 |
| 82 | 5346  | 1973 | 2n Cycle   | Married  | 23559.0 | 1 |
| 83 | 4119  | 1963 | Master     | Together | 38620.0 | 0 |
| 84 | 535   | 1987 | Graduation | Divorced | 81361.0 | 0 |
| 85 | 5268  | 1960 | Graduation | Married  | 29440.0 | 1 |
| 86 | 273   | 1970 | Master     | Married  | 36138.0 | 1 |
| 87 | 4452  | 1957 | Graduation | Single   | 50388.0 | 0 |
| 88 | 8504  | 1973 | Graduation | Married  | 79593.0 | 0 |
| 89 | 771   | 1967 | Graduation | Together | 54178.0 | 0 |
| 90 | 8006  | 1957 | PhD        | Married  | NaN     | 2 |
| 91 | 5000  | 1957 | Graduation | Single   | NaN     | 1 |
| 92 | 5798  | 1973 | Master     | Together | NaN     | 0 |
| 93 | 11178 | 1972 | Master     | Single   | 42394.0 | 1 |

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|            |       |      |            |          |          |   |
|------------|-------|------|------------|----------|----------|---|
| <b>94</b>  | 2230  | 1970 | PhD        | Married  | 23626.0  | 1 |
| <b>95</b>  | 7516  | 1983 | Graduation | Married  | 30096.0  | 1 |
| <b>96</b>  | 7247  | 1960 | Graduation | Widow    | 47916.0  | 0 |
| <b>97</b>  | 11100 | 1972 | Graduation | Divorced | 51813.0  | 1 |
| <b>98</b>  | 4646  | 1951 | 2n Cycle   | Married  | 78497.0  | 0 |
| <b>99</b>  | 3037  | 1983 | PhD        | Married  | 50150.0  | 0 |
| <b>100</b> | 1473  | 1960 | 2n Cycle   | Single   | 47823.0  | 0 |
| <b>101</b> | 1016  | 1959 | PhD        | Single   | 34554.0  | 0 |
| <b>102</b> | 4518  | 1979 | Graduation | Together | 85693.0  | 0 |
| <b>103</b> | 9370  | 1945 | PhD        | Married  | 65846.0  | 0 |
| <b>104</b> | 8908  | 1959 | Graduation | Married  | 87195.0  | 0 |
| <b>105</b> | 8373  | 1979 | Basic      | Together | 24594.0  | 1 |
| <b>106</b> | 7533  | 1964 | Graduation | Married  | 49096.0  | 1 |
| <b>107</b> | 2683  | 1969 | Graduation | Married  | 52413.0  | 0 |
| <b>108</b> | 3629  | 1978 | Graduation | Single   | 38557.0  | 1 |
| <b>109</b> | 10991 | 1960 | Master     | Married  | 89058.0  | 0 |
| <b>110</b> | 5077  | 1979 | Graduation | Together | 77298.0  | 0 |
| <b>111</b> | 7431  | 1991 | PhD        | Single   | 68126.0  | 0 |
| <b>112</b> | 3267  | 1963 | Master     | Together | 57288.0  | 0 |
| <b>113</b> | 999   | 1991 | Graduation | Single   | 86037.0  | 0 |
| <b>114</b> | 9215  | 1980 | PhD        | Married  | 43974.0  | 1 |
| <b>115</b> | 2286  | 1962 | Graduation | Single   | 50785.0  | 1 |
| <b>116</b> | 1592  | 1970 | Graduation | Married  | 90765.0  | 0 |
| <b>117</b> | 367   | 1978 | 2n Cycle   | Married  | 36550.0  | 1 |
| <b>118</b> | 5234  | 1967 | 2n Cycle   | Together | 30753.0  | 1 |
| <b>119</b> | 9862  | 1969 | Graduation | Together | 21918.0  | 1 |
| <b>120</b> | 9805  | 1953 | Master     | Together | 56129.0  | 0 |
| <b>121</b> | 6205  | 1967 | Master     | Single   | 32557.0  | 1 |
| <b>122</b> | 8442  | 1985 | Master     | Married  | 19510.0  | 2 |
|            |       |      | Graduation | Divorced | 30992.0  | 1 |
|            |       |      | Graduation | Single   | 101970.0 | 0 |
| <b>125</b> | 1491  | 1965 | 2n Cycle   | Together | 71488.0  | 0 |
| <b>126</b> | 11071 | 1984 | Graduation | Single   | 79607.0  | 0 |

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|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>127</b> | 3381  | 1953 | Master     | Married  | 54348.0 | 1 |
| <b>128</b> | 8268  | 1961 | PhD        | Married  | NaN     | 0 |
| <b>129</b> | 11051 | 1956 | PhD        | Together | 77376.0 | 1 |
| <b>130</b> | 8026  | 1952 | Graduation | Married  | 62998.0 | 0 |
| <b>131</b> | 433   | 1958 | Master     | Alone    | 61331.0 | 1 |
| <b>132</b> | 9597  | 1969 | Graduation | Married  | 73448.0 | 0 |
| <b>133</b> | 1295  | 1963 | Graduation | Married  | NaN     | 0 |
| <b>134</b> | 5290  | 1964 | PhD        | Married  | 41551.0 | 1 |
| <b>135</b> | 1685  | 1967 | PhD        | Together | 62981.0 | 0 |
| <b>136</b> | 5342  | 1976 | Basic      | Divorced | 9548.0  | 1 |
| <b>137</b> | 9579  | 1959 | PhD        | Married  | 33762.0 | 2 |
| <b>138</b> | 7660  | 1973 | PhD        | Alone    | 35860.0 | 1 |
| <b>139</b> | 1461  | 1965 | PhD        | Divorced | 36921.0 | 1 |
| <b>140</b> | 821   | 1992 | Master     | Single   | 92859.0 | 0 |
| <b>141</b> | 11084 | 1976 | Master     | Together | 65104.0 | 0 |
| <b>142</b> | 8690  | 1962 | Graduation | Married  | 86111.0 | 0 |
| <b>143</b> | 2937  | 1974 | PhD        | Single   | 68352.0 | 0 |
| <b>144</b> | 9701  | 1988 | Graduation | Together | 41883.0 | 1 |
| <b>145</b> | 9949  | 1976 | Graduation | Married  | 59809.0 | 0 |
| <b>146</b> | 10837 | 1975 | Graduation | Married  | 23957.0 | 1 |
| <b>147</b> | 3120  | 1981 | Graduation | Together | 38547.0 | 1 |
| <b>148</b> | 5885  | 1973 | 2n Cycle   | Married  | 35688.0 | 2 |
| <b>149</b> | 4050  | 1966 | Master     | Married  | 49605.0 | 0 |
| <b>150</b> | 3830  | 1953 | Master     | Married  | 59354.0 | 0 |
| <b>151</b> | 7987  | 1969 | Graduation | Married  | 65747.0 | 0 |
| <b>152</b> | 7798  | 1972 | 2n Cycle   | Together | 46344.0 | 0 |
| <b>153</b> | 92    | 1988 | Graduation | Alone    | 34176.0 | 1 |
| <b>154</b> | 7055  | 1952 | PhD        | Together | 61010.0 | 0 |
| <b>155</b> | 10240 | 1949 | Graduation | Together | 69372.0 | 0 |
| <b>156</b> | 9265  | 1978 | Graduation | Single   | 49967.0 | 0 |
| <b>157</b> | 9265  | 1978 | Graduation | Single   | 60199.0 | 1 |
| <b>158</b> | 9970  | 1977 | Graduation | Together | 55375.0 | 0 |
| <b>159</b> | 2730  | 1955 | Graduation | Single   | 80317.0 | 0 |

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|            |       |      |            |          |          |   |
|------------|-------|------|------------|----------|----------|---|
| <b>160</b> | 2795  | 1958 | Master     | Single   | 30523.0  | 2 |
| <b>161</b> | 9260  | 1945 | PhD        | Married  | 70356.0  | 0 |
| <b>162</b> | 8182  | 1984 | Graduation | Married  | 23228.0  | 1 |
| <b>163</b> | 10095 | 1975 | PhD        | Divorced | 74165.0  | 0 |
| <b>164</b> | 8475  | 1973 | PhD        | Married  | 157243.0 | 0 |
| <b>165</b> | 4370  | 1966 | Graduation | Together | 43482.0  | 2 |
| <b>166</b> | 10573 | 1953 | Graduation | Divorced | 62551.0  | 0 |
| <b>167</b> | 3712  | 1959 | Graduation | Divorced | 52332.0  | 0 |
| <b>168</b> | 6637  | 1988 | Graduation | Single   | 66951.0  | 0 |
| <b>169</b> | 3152  | 1957 | Graduation | Together | 26091.0  | 1 |
| <b>170</b> | 5610  | 1965 | Graduation | Together | 33456.0  | 1 |
| <b>171</b> | 6460  | 1982 | Graduation | Married  | 28718.0  | 1 |
| <b>172</b> | 1349  | 1970 | Graduation | Married  | 50447.0  | 2 |
| <b>173</b> | 1880  | 1959 | PhD        | Together | 53537.0  | 1 |
| <b>174</b> | 641   | 1967 | Graduation | Single   | 52074.0  | 0 |
| <b>175</b> | 8717  | 1975 | PhD        | Married  | 80427.0  | 0 |
| <b>176</b> | 10314 | 1948 | PhD        | Married  | 83837.0  | 0 |
| <b>177</b> | 10854 | 1970 | PhD        | Married  | 38853.0  | 1 |
| <b>178</b> | 10492 | 1959 | Graduation | Together | 38285.0  | 2 |
| <b>179</b> | 6935  | 1951 | 2n Cycle   | Married  | 78497.0  | 0 |
| <b>180</b> | 7698  | 1976 | PhD        | Married  | 51650.0  | 0 |
| <b>181</b> | 3559  | 1988 | 2n Cycle   | Married  | 16248.0  | 1 |
| <b>182</b> | 10562 | 1946 | Master     | Married  | 66835.0  | 0 |
| <b>183</b> | 10796 | 1984 | Master     | Married  | 30477.0  | 1 |
| <b>184</b> | 2563  | 1961 | Basic      | Married  | 28249.0  | 0 |
| <b>185</b> | 3518  | 1983 | Graduation | Married  | 25271.0  | 1 |
| <b>186</b> | 5823  | 1970 | PhD        | Single   | 32303.0  | 0 |
| <b>187</b> | 3934  | 1966 | Graduation | Married  | 61286.0  | 0 |
| <b>188</b> | 6982  | 1976 | Graduation | Married  | 74068.0  | 0 |
| <b>189</b> | 7000  | 1980 | PhD        | Married  | 45759.0  | 1 |
| <b>190</b> | 9733  | 1978 | Basic      | Together | 24882.0  | 1 |
| <b>191</b> | 5602  | 1989 | PhD        | Together | 66973.0  | 0 |
| <b>192</b> | 7000  | 1980 | 2n Cycle   | Divorced | 26640.0  | 1 |

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|            |       |      |            |          |          |   |
|------------|-------|------|------------|----------|----------|---|
| <b>192</b> | 7829  | 1900 | Zn Cycle   | Divorced | 36640.0  | 1 |
| <b>193</b> | 1324  | 1988 | Graduation | Married  | 38872.0  | 1 |
| <b>194</b> | 326   | 1973 | Graduation | Married  | 51148.0  | 1 |
| <b>195</b> | 7224  | 1977 | Graduation | Married  | 31353.0  | 1 |
| <b>196</b> | 6999  | 1980 | Master     | Married  | 69661.0  | 0 |
| <b>197</b> | 9938  | 1954 | Graduation | Married  | 80067.0  | 0 |
| <b>198</b> | 6422  | 1954 | Graduation | Married  | 86718.0  | 0 |
| <b>199</b> | 3182  | 1973 | PhD        | Single   | 46854.0  | 1 |
| <b>200</b> | 7300  | 1952 | Graduation | Divorced | 69142.0  | 0 |
| <b>201</b> | 10424 | 1968 | Graduation | Single   | 75922.0  | 0 |
| <b>202</b> | 8727  | 1978 | Graduation | Divorced | 63693.0  | 0 |
| <b>203</b> | 2798  | 1977 | PhD        | Together | 102160.0 | 0 |
| <b>204</b> | 1030  | 1965 | PhD        | Single   | 40637.0  | 1 |
| <b>205</b> | 624   | 1984 | Master     | Single   | 18890.0  | 0 |
| <b>206</b> | 5176  | 1988 | Graduation | Together | 29604.0  | 1 |
| <b>207</b> | 5552  | 1963 | Master     | Divorced | 48721.0  | 1 |
| <b>208</b> | 868   | 1966 | Graduation | Married  | 44794.0  | 0 |
| <b>209</b> | 380   | 1954 | Graduation | Divorced | 64497.0  | 0 |
| <b>210</b> | 2677  | 1956 | Graduation | Together | 46097.0  | 0 |
| <b>211</b> | 6521  | 1954 | Graduation | Together | 77972.0  | 0 |
| <b>212</b> | 6927  | 1968 | PhD        | Married  | 44377.0  | 1 |
| <b>213</b> | 2877  | 1974 | Master     | Together | 46014.0  | 1 |
| <b>214</b> | 0     | 1985 | Graduation | Married  | 70951.0  | 0 |
| <b>215</b> | 1584  | 1977 | Graduation | Married  | 41443.0  | 1 |
| <b>216</b> | 7264  | 1978 | 2n Cycle   | Single   | 52195.0  | 2 |
| <b>217</b> | 6274  | 1948 | Master     | Married  | 83790.0  | 0 |
| <b>218</b> | 1377  | 1954 | Master     | Widow    | 44551.0  | 0 |
| <b>219</b> | 454   | 1980 | Graduation | Together | 69508.0  | 1 |
| <b>220</b> | 1755  | 1988 | 2n Cycle   | Together | 45204.0  | 1 |
| <b>221</b> | 6777  | 1977 | Graduation | Married  | 72460.0  | 0 |
| <b>222</b> | 6777  | 1977 | PhD        | Together | 77622.0  | 0 |
| <b>223</b> | 9076  | 1980 | PhD        | Married  | 30732.0  | 1 |
| <b>224</b> | 7079  | 1962 | Graduation | Divorced | 63887.0  | 0 |

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|            |       |      |            |          |          |   |
|------------|-------|------|------------|----------|----------|---|
| <b>225</b> | 4653  | 1978 | Graduation | Together | 42011.0  | 1 |
| <b>226</b> | 7375  | 1976 | Graduation | Together | 51369.0  | 0 |
| <b>227</b> | 709   | 1952 | Graduation | Divorced | 51537.0  | 0 |
| <b>228</b> | 460   | 1972 | PhD        | Married  | 79930.0  | 0 |
| <b>229</b> | 3726  | 1986 | PhD        | Together | 34320.0  | 1 |
| <b>230</b> | 6798  | 1966 | Graduation | Single   | 37070.0  | 1 |
| <b>231</b> | 5341  | 1962 | 2n Cycle   | Divorced | 81975.0  | 0 |
| <b>232</b> | 1606  | 1971 | Graduation | Together | 38590.0  | 1 |
| <b>233</b> | 9617  | 1951 | Graduation | Single   | 15033.0  | 0 |
| <b>234</b> | 3233  | 1965 | PhD        | Married  | 62745.0  | 0 |
| <b>235</b> | 89    | 1975 | 2n Cycle   | Married  | 22212.0  | 1 |
| <b>236</b> | 2936  | 1982 | Master     | Together | 23661.0  | 1 |
| <b>237</b> | 9449  | 1958 | PhD        | Single   | 79761.0  | 0 |
| <b>238</b> | 7297  | 1973 | Graduation | Single   | 7500.0   | 1 |
| <b>239</b> | 11004 | 1893 | 2n Cycle   | Single   | 60182.0  | 0 |
| <b>240</b> | 313   | 1968 | Graduation | Widow    | 73455.0  | 0 |
| <b>241</b> | 9940  | 1958 | Graduation | Together | 64961.0  | 0 |
| <b>242</b> | 10735 | 1971 | Graduation | Single   | 22804.0  | 1 |
| <b>243</b> | 9529  | 1990 | Graduation | Married  | 73687.0  | 0 |
| <b>244</b> | 6439  | 1958 | Graduation | Married  | 61074.0  | 0 |
| <b>245</b> | 7411  | 1964 | PhD        | Married  | 31686.0  | 1 |
| <b>246</b> | 2176  | 1972 | Graduation | Married  | 80134.0  | 1 |
| <b>247</b> | 9265  | 1953 | Graduation | Married  | 75027.0  | 0 |
| <b>248</b> | 8867  | 1988 | PhD        | Married  | 67546.0  | 0 |
| <b>249</b> | 8932  | 1969 | Master     | Together | 65176.0  | 0 |
| <b>250</b> | 10236 | 1975 | Master     | Single   | 31160.0  | 1 |
| <b>251</b> | 6340  | 1985 | Graduation | Single   | 29938.0  | 1 |
| <b>252</b> | 10089 | 1974 | Graduation | Divorced | 102692.0 | 0 |
| <b>253</b> | 2227  | 1958 | 2n Cycle   | Together | 26490.0  | 0 |
|            |       |      | Graduation | Together | 75702.0  | 1 |
|            |       |      | PhD        | Single   | 30899.0  | 1 |
| <b>256</b> | 309   | 1961 | PhD        | Together | 63342.0  | 0 |
| <b>257</b> | 3406  | 1964 | Graduation | Single   | 45989.0  | 0 |

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|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>258</b> | 2661  | 1964 | Graduation | Single   | 18701.0 | 1 |
| <b>259</b> | 3153  | 1957 | PhD        | Single   | 40737.0 | 2 |
| <b>260</b> | 10264 | 1979 | Graduation | Divorced | 15287.0 | 1 |
| <b>261</b> | 1184  | 1968 | PhD        | Divorced | 69674.0 | 0 |
| <b>262</b> | 4200  | 1970 | Master     | Married  | 44159.0 | 1 |
| <b>263</b> | 9396  | 1978 | PhD        | Married  | 37717.0 | 1 |
| <b>264</b> | 2387  | 1952 | Master     | Together | 43776.0 | 1 |
| <b>265</b> | 6690  | 1966 | Master     | Married  | 38179.0 | 1 |
| <b>266</b> | 1225  | 1963 | Graduation | Married  | 80124.0 | 0 |
| <b>267</b> | 9703  | 1970 | PhD        | Married  | 38097.0 | 1 |
| <b>268</b> | 291   | 1970 | Graduation | Married  | 72940.0 | 0 |
| <b>269</b> | 4557  | 1970 | Graduation | Together | 22070.0 | 1 |
| <b>270</b> | 2379  | 1953 | Graduation | Single   | 69267.0 | 0 |
| <b>271</b> | 5726  | 1983 | Master     | Single   | 31788.0 | 1 |
| <b>272</b> | 3066  | 1975 | PhD        | Together | 61905.0 | 0 |
| <b>273</b> | 6336  | 1960 | Graduation | Married  | 29315.0 | 1 |
| <b>274</b> | 10967 | 1963 | Graduation | Divorced | 33378.0 | 1 |
| <b>275</b> | 2304  | 1963 | PhD        | Together | 66313.0 | 0 |
| <b>276</b> | 3445  | 1956 | Graduation | Single   | 60714.0 | 0 |
| <b>277</b> | 7828  | 1981 | Master     | Together | 77882.0 | 0 |
| <b>278</b> | 3762  | 1986 | PhD        | Single   | 69867.0 | 0 |
| <b>279</b> | 4391  | 1968 | Master     | Divorced | 63841.0 | 0 |
| <b>280</b> | 4669  | 1981 | Basic      | Married  | 24480.0 | 1 |
| <b>281</b> | 10144 | 1976 | Graduation | Together | 51369.0 | 0 |
| <b>282</b> | 8652  | 1946 | Graduation | Together | 37760.0 | 0 |
| <b>283</b> | 1672  | 1974 | PhD        | Together | 65640.0 | 0 |
| <b>284</b> | 8962  | 1975 | Master     | Married  | 44319.0 | 1 |
| <b>285</b> | 9974  | 1974 | Graduation | Married  | 30631.0 | 1 |
| <b>286</b> | 10983 | 1952 | Graduation | Together | 75278.0 | 0 |
| <b>287</b> | 10102 | 1966 | Master     | Together | 50898.0 | 1 |
| <b>288</b> | 10102 | 1966 | Graduation | Widow    | 79946.0 | 0 |
| <b>289</b> | 4697  | 1949 | Master     | Divorced | 35416.0 | 0 |
| <b>290</b> | 9262  | 1984 | 2n Cvcle   | Toaether | 32414.0 | 0 |

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| id  | age   | year | education  | relationship | income  | sex |
|-----|-------|------|------------|--------------|---------|-----|
| 291 | 7254  | 1969 | Graduation | Together     | 38361.0 | 1   |
| 292 | 4543  | 1980 | Graduation | Married      | 82497.0 | 0   |
| 293 | 4927  | 1971 | Graduation | Together     | 16626.0 | 2   |
| 294 | 10451 | 1965 | Graduation | Together     | 29672.0 | 1   |
| 295 | 2926  | 1952 | Master     | Together     | 55951.0 | 0   |
| 296 | 2874  | 1988 | 2n Cycle   | Divorced     | 35388.0 | 1   |
| 297 | 9738  | 1986 | Master     | Together     | 42386.0 | 1   |
| 298 | 7119  | 1982 | Graduation | Single       | 68627.0 | 0   |
| 299 | 3924  | 1965 | PhD        | Divorced     | 57912.0 | 0   |
| 300 | 5827  | 1958 | Graduation | Divorced     | 35246.0 | 1   |
| 301 | 5596  | 1956 | 2n Cycle   | Together     | 58821.0 | 0   |
| 302 | 10812 | 1978 | PhD        | Married      | 46377.0 | 1   |
| 303 | 1717  | 1988 | Graduation | Single       | 39747.0 | 1   |
| 304 | 9491  | 1984 | Graduation | Together     | 23976.0 | 1   |
| 305 | 9274  | 1961 | Master     | Married      | 80950.0 | 0   |
| 306 | 6609  | 1966 | Graduation | Widow        | 27038.0 | 0   |
| 307 | 6963  | 1947 | Graduation | Single       | 77457.0 | 0   |
| 308 | 4440  | 1964 | Master     | Married      | 64100.0 | 0   |
| 309 | 1379  | 1992 | Master     | Together     | 42670.0 | 0   |
| 310 | 10032 | 1976 | Graduation | Divorced     | 12571.0 | 1   |
| 311 | 2826  | 1967 | Graduation | Married      | 22574.0 | 2   |
| 312 | 2437  | 1989 | Graduation | Married      | NaN     | 0   |
| 313 | 6320  | 1976 | Master     | Single       | 70893.0 | 0   |
| 314 | 3050  | 1966 | Graduation | Married      | 54198.0 | 1   |
| 315 | 231   | 1956 | Master     | Together     | 28839.0 | 1   |
| 316 | 2392  | 1972 | Graduation | Married      | 40321.0 | 1   |
| 317 | 9478  | 1985 | Graduation | Single       | 66503.0 | 1   |
| 318 | 113   | 1951 | Graduation | Married      | 30833.0 | 1   |
| 319 | 2863  | 1970 | Graduation | Single       | NaN     | 1   |
| 320 | 520   | 1974 | Graduation | Married      | 64795.0 | 0   |
| 321 | 520   | 1974 | Graduation | Married      | 34421.0 | 1   |
| 322 | 8275  | 1965 | PhD        | Divorced     | 47025.0 | 1   |
| ... | ...   | ...  | ...        | ...          | ...     | ... |

Creating a copy...



|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>323</b> | 9750  | 1961 | PhD        | Divorced | 64325.0 | 0 |
| <b>324</b> | 2607  | 1953 | Graduation | Single   | 40464.0 | 0 |
| <b>325</b> | 7214  | 1957 | Graduation | Married  | 62187.0 | 0 |
| <b>326</b> | 5835  | 1976 | PhD        | Divorced | 14849.0 | 1 |
| <b>327</b> | 3896  | 1984 | Graduation | Married  | 27255.0 | 1 |
| <b>328</b> | 10350 | 1950 | PhD        | Married  | 54432.0 | 2 |
| <b>329</b> | 7786  | 1986 | PhD        | Single   | 29999.0 | 1 |
| <b>330</b> | 2861  | 1983 | Graduation | Single   | 24072.0 | 1 |
| <b>331</b> | 663   | 1989 | PhD        | Single   | 33996.0 | 0 |
| <b>332</b> | 10675 | 1956 | PhD        | Married  | 66334.0 | 0 |
| <b>333</b> | 2521  | 1971 | Master     | Married  | 35178.0 | 1 |
| <b>334</b> | 9592  | 1983 | Graduation | Together | 22010.0 | 1 |
| <b>335</b> | 10151 | 1960 | Graduation | Divorced | 62204.0 | 0 |
| <b>336</b> | 7381  | 1968 | Graduation | Divorced | 75693.0 | 0 |
| <b>337</b> | 4099  | 1972 | Graduation | Married  | 30675.0 | 1 |
| <b>338</b> | 9560  | 1965 | Graduation | Together | 83003.0 | 0 |
| <b>339</b> | 1150  | 1899 | PhD        | Together | 83532.0 | 0 |
| <b>340</b> | 10172 | 1988 | Graduation | Single   | 68655.0 | 0 |
| <b>341</b> | 11191 | 1986 | Graduation | Divorced | 41411.0 | 0 |
| <b>342</b> | 9707  | 1969 | PhD        | Married  | 55212.0 | 0 |
| <b>343</b> | 6245  | 1950 | PhD        | Together | 59292.0 | 0 |
| <b>344</b> | 8234  | 1973 | Basic      | Together | 27190.0 | 1 |
| <b>345</b> | 1411  | 1952 | Graduation | Divorced | 82623.0 | 0 |
| <b>346</b> | 8553  | 1965 | Graduation | Married  | 44300.0 | 1 |
| <b>347</b> | 1826  | 1970 | Graduation | Divorced | 84835.0 | 0 |
| <b>348</b> | 8842  | 1971 | Graduation | Widow    | 30372.0 | 1 |
| <b>349</b> | 11030 | 1976 | Master     | Married  | 33181.0 | 1 |
| <b>350</b> | 2579  | 1957 | Graduation | Married  | 71113.0 | 0 |
| <b>351</b> | 175   | 1986 | Graduation | Married  | 71952.0 | 1 |
|            |       |      | PhD        | Single   | 69759.0 | 0 |
|            |       |      | Graduation | Married  | 72099.0 | 0 |
| <b>354</b> | 9365  | 1976 | PhD        | Single   | 60000.0 | 0 |
| <b>355</b> | 6201  | 1978 | Graduation | Single   | 38643.0 | 1 |

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|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>356</b> | 2061  | 1955 | Graduation | Married  | 50737.0 | 0 |
| <b>357</b> | 6184  | 1969 | PhD        | Married  | 68462.0 | 0 |
| <b>358</b> | 6142  | 1943 | Master     | Married  | 65073.0 | 0 |
| <b>359</b> | 4107  | 1948 | PhD        | Together | 46681.0 | 0 |
| <b>360</b> | 7274  | 1957 | Graduation | Married  | 78618.0 | 0 |
| <b>361</b> | 9336  | 1969 | PhD        | Widow    | 62187.0 | 0 |
| <b>362</b> | 2958  | 1978 | Graduation | Married  | 28442.0 | 2 |
| <b>363</b> | 933   | 1978 | PhD        | Married  | 37717.0 | 1 |
| <b>364</b> | 5837  | 1967 | Graduation | Married  | 51479.0 | 1 |
| <b>365</b> | 10704 | 1969 | Graduation | Single   | 54803.0 | 0 |
| <b>366</b> | 5125  | 1960 | Graduation | Married  | 79530.0 | 0 |
| <b>367</b> | 4432  | 1976 | Graduation | Divorced | 31615.0 | 1 |
| <b>368</b> | 5955  | 1962 | Graduation | Together | 72025.0 | 0 |
| <b>369</b> | 2928  | 1975 | PhD        | Single   | 52614.0 | 0 |
| <b>370</b> | 5680  | 1984 | 2n Cycle   | Married  | 35684.0 | 1 |
| <b>371</b> | 10313 | 1975 | Graduation | Married  | 48178.0 | 1 |
| <b>372</b> | 2557  | 1970 | Master     | Single   | 29548.0 | 1 |
| <b>373</b> | 1245  | 1966 | Graduation | Single   | 63810.0 | 0 |
| <b>374</b> | 1519  | 1972 | PhD        | Single   | 38578.0 | 1 |
| <b>375</b> | 10703 | 1975 | Master     | Single   | 46098.0 | 1 |
| <b>376</b> | 1726  | 1970 | Graduation | Single   | 22585.0 | 0 |
| <b>377</b> | 4459  | 1989 | Graduation | Single   | 30279.0 | 1 |
| <b>378</b> | 1729  | 1961 | PhD        | Together | 66426.0 | 0 |
| <b>379</b> | 1517  | 1969 | Graduation | Single   | 30822.0 | 1 |
| <b>380</b> | 2098  | 1969 | PhD        | Married  | 33581.0 | 2 |
| <b>381</b> | 9543  | 1985 | Graduation | Married  | 19986.0 | 1 |
| <b>382</b> | 6878  | 1954 | Graduation | Widow    | 27421.0 | 0 |
| <b>383</b> | 3310  | 1973 | 2n Cycle   | Married  | 35688.0 | 2 |
| <b>384</b> | 2724  | 1981 | Master     | Single   | 36143.0 | 1 |
| <b>385</b> | 5725  | 1988 | Graduation | Single   | 10245.0 | 1 |
| <b>386</b> | 5725  | 1988 | Master     | Together | 43795.0 | 0 |
| <b>387</b> | 6202  | 1960 | Graduation | Together | 63381.0 | 0 |
| <b>388</b> | 2066  | 1949 | Graduation | Together | 38823.0 | 0 |

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|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>389</b> | 9799  | 1968 | PhD        | Divorced | 83664.0 | 1 |
| <b>390</b> | 8318  | 1979 | Graduation | Together | 90300.0 | 0 |
| <b>391</b> | 5642  | 1979 | Master     | Together | 62499.0 | 1 |
| <b>392</b> | 2669  | 1993 | Graduation | Single   | 74293.0 | 0 |
| <b>393</b> | 455   | 1946 | PhD        | Married  | 51012.0 | 0 |
| <b>394</b> | 7683  | 1968 | Master     | Married  | 70777.0 | 0 |
| <b>395</b> | 3428  | 1991 | PhD        | Together | 68682.0 | 0 |
| <b>396</b> | 7414  | 1971 | Graduation | Married  | 43824.0 | 1 |
| <b>397</b> | 6354  | 1984 | Graduation | Together | 15345.0 | 1 |
| <b>398</b> | 798   | 1987 | Graduation | Single   | 23442.0 | 1 |
| <b>399</b> | 8213  | 1980 | 2n Cycle   | Together | 14515.0 | 1 |
| <b>400</b> | 2488  | 1956 | 2n Cycle   | Divorced | 31395.0 | 1 |
| <b>401</b> | 9999  | 1965 | Graduation | Together | 75276.0 | 0 |
| <b>402</b> | 7617  | 1974 | Graduation | Single   | 42373.0 | 1 |
| <b>403</b> | 615   | 1960 | Graduation | Together | 30507.0 | 0 |
| <b>404</b> | 2552  | 1955 | PhD        | Single   | 55521.0 | 1 |
| <b>405</b> | 194   | 1965 | Graduation | Married  | 48006.0 | 1 |
| <b>406</b> | 3645  | 1972 | PhD        | Single   | 27213.0 | 1 |
| <b>407</b> | 8890  | 1971 | PhD        | Divorced | 65808.0 | 1 |
| <b>408</b> | 5049  | 1974 | PhD        | Together | 30351.0 | 1 |
| <b>409</b> | 9973  | 1963 | Graduation | Married  | 50437.0 | 0 |
| <b>410</b> | 7301  | 1982 | 2n Cycle   | Single   | 23616.0 | 1 |
| <b>411</b> | 10882 | 1976 | Graduation | Married  | 53858.0 | 0 |
| <b>412</b> | 7030  | 1955 | PhD        | Married  | 66465.0 | 0 |
| <b>413</b> | 7422  | 1987 | Graduation | Single   | 46923.0 | 1 |
| <b>414</b> | 3523  | 1962 | Graduation | Together | 75072.0 | 0 |
| <b>415</b> | 7106  | 1943 | PhD        | Married  | 75865.0 | 0 |
| <b>416</b> | 6504  | 1975 | 2n Cycle   | Together | 19789.0 | 1 |
| <b>417</b> | 5067  | 1994 | Graduation | Together | 80134.0 | 0 |
| <b>418</b> | 3129  | 1983 | Graduation | Single   | 91065.0 | 0 |
| <b>419</b> | 8581  | 1971 | Master     | Married  | 49505.0 | 1 |
| <b>420</b> | 5929  | 1973 | PhD        | Married  | 37401.0 | 1 |
| <b>421</b> | 3129  | 1983 | Graduation | Married  | 30096.0 | 1 |

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|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>421</b> | 5125  | 1985 | Graduation | Married  | 50050.0 | 1 |
| <b>422</b> | 6528  | 1982 | Master     | Together | 18492.0 | 1 |
| <b>423</b> | 1361  | 1974 | Master     | Married  | 82584.0 | 0 |
| <b>424</b> | 6932  | 1941 | PhD        | Married  | 93027.0 | 0 |
| <b>425</b> | 7284  | 1953 | Graduation | Married  | 48686.0 | 1 |
| <b>426</b> | 1340  | 1986 | Graduation | Married  | 92910.0 | 0 |
| <b>427</b> | 8746  | 1989 | Graduation | Married  | 75433.0 | 1 |
| <b>428</b> | 5987  | 1989 | 2n Cycle   | Together | 10404.0 | 1 |
| <b>429</b> | 3767  | 1968 | Graduation | Married  | 61314.0 | 0 |
| <b>430</b> | 3725  | 1961 | PhD        | Single   | 84865.0 | 0 |
| <b>431</b> | 4324  | 1989 | Graduation | Married  | 42387.0 | 1 |
| <b>432</b> | 238   | 1967 | 2n Cycle   | Together | 67309.0 | 1 |
| <b>433</b> | 6694  | 1964 | Graduation | Married  | 75236.0 | 0 |
| <b>434</b> | 498   | 1970 | Graduation | Single   | 30015.0 | 1 |
| <b>435</b> | 9347  | 1956 | Master     | Together | 50943.0 | 0 |
| <b>436</b> | 9699  | 1966 | Graduation | Divorced | 67272.0 | 0 |
| <b>437</b> | 10664 | 1949 | Master     | Widow    | 51529.0 | 0 |
| <b>438</b> | 5455  | 1971 | PhD        | Married  | 32011.0 | 1 |
| <b>439</b> | 456   | 1986 | 2n Cycle   | Married  | 7500.0  | 1 |
| <b>440</b> | 5012  | 1989 | Graduation | Married  | 28691.0 | 1 |
| <b>441</b> | 7495  | 1948 | PhD        | Married  | 56223.0 | 0 |
| <b>442</b> | 5029  | 1946 | Graduation | Married  | 18100.0 | 0 |
| <b>443</b> | 10642 | 1989 | Graduation | Single   | 30279.0 | 1 |
| <b>444</b> | 2106  | 1974 | 2n Cycle   | Married  | 20130.0 | 0 |
| <b>445</b> | 10364 | 1959 | Graduation | Divorced | 23295.0 | 0 |
| <b>446</b> | 5954  | 1972 | Master     | Divorced | 42618.0 | 1 |
| <b>447</b> | 1137  | 1964 | Graduation | Single   | 81246.0 | 0 |
| <b>448</b> | 2541  | 1976 | Graduation | Married  | 24027.0 | 1 |
| <b>449</b> | 1142  | 1953 | PhD        | Married  | 55707.0 | 0 |
| <b>450</b> | 2276  | 1955 | Graduation | Single   | 57959.0 | 0 |
| <b>451</b> | 6471  | 1971 | Graduation | Married  | 56796.0 | 0 |
| <b>452</b> | 6471  | 1971 | Master     | Single   | 36230.0 | 1 |
| <b>453</b> | 6131  | 1980 | 2n Cycle   | Married  | 70829.0 | 1 |

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|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>454</b> | 6233  | 1976 | Graduation | Married  | 65991.0 | 0 |
| <b>455</b> | 4148  | 1972 | Graduation | Married  | 38988.0 | 1 |
| <b>456</b> | 4947  | 1966 | 2n Cycle   | Single   | 89572.0 | 0 |
| <b>457</b> | 3225  | 1984 | Master     | Married  | 42207.0 | 1 |
| <b>458</b> | 7540  | 1952 | Graduation | Married  | 50300.0 | 0 |
| <b>459</b> | 10648 | 1982 | 2n Cycle   | Together | 66664.0 | 0 |
| <b>460</b> | 1992  | 1964 | Graduation | Married  | 60597.0 | 0 |
| <b>461</b> | 7851  | 1949 | Graduation | Widow    | 70165.0 | 0 |
| <b>462</b> | 8594  | 1958 | PhD        | Widow    | 50520.0 | 0 |
| <b>463</b> | 7059  | 1963 | Graduation | Married  | 80124.0 | 0 |
| <b>464</b> | 2815  | 1975 | Graduation | Married  | 33183.0 | 1 |
| <b>465</b> | 2416  | 1969 | PhD        | Single   | 66582.0 | 0 |
| <b>466</b> | 7999  | 1955 | PhD        | Together | 75261.0 | 0 |
| <b>467</b> | 9213  | 1970 | Graduation | Widow    | 31880.0 | 1 |
| <b>468</b> | 9697  | 1951 | Graduation | Married  | 53790.0 | 0 |
| <b>469</b> | 3916  | 1971 | PhD        | Together | 49269.0 | 1 |
| <b>470</b> | 2021  | 1975 | Graduation | Married  | 61456.0 | 0 |
| <b>471</b> | 1581  | 1980 | Graduation | Married  | 37406.0 | 1 |
| <b>472</b> | 564   | 1981 | PhD        | Together | 56937.0 | 1 |
| <b>473</b> | 6619  | 1978 | Graduation | Married  | 38415.0 | 1 |
| <b>474</b> | 9081  | 1988 | Graduation | Single   | 20518.0 | 1 |
| <b>475</b> | 178   | 1956 | Graduation | Married  | 62503.0 | 0 |
| <b>476</b> | 916   | 1972 | PhD        | Single   | 41644.0 | 1 |
| <b>477</b> | 5512  | 1977 | Master     | Married  | 55842.0 | 0 |
| <b>478</b> | 8970  | 1972 | PhD        | Married  | 62010.0 | 0 |
| <b>479</b> | 10581 | 1977 | Graduation | Married  | 41124.0 | 1 |
| <b>480</b> | 5300  | 1973 | Master     | Married  | 38961.0 | 1 |
| <b>481</b> | 5154  | 1972 | Master     | Divorced | 37760.0 | 1 |
| <b>482</b> | 8346  | 1974 | Graduation | Single   | 32233.0 | 1 |
|            |       |      | Graduation | Married  | 43057.0 | 0 |
|            |       |      | Master     | Together | 83151.0 | 0 |
| <b>485</b> | 2426  | 1964 | PhD        | Divorced | 78825.0 | 0 |
| <b>486</b> | 5172  | 1976 | Master     | Together | 65104.0 | 0 |

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|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>487</b> | 5562  | 1974 | Graduation | Married  | 60093.0 | 0 |
| <b>488</b> | 3436  | 1969 | Graduation | Married  | 14045.0 | 1 |
| <b>489</b> | 3921  | 1952 | 2n Cycle   | Widow    | 28457.0 | 0 |
| <b>490</b> | 3403  | 1958 | PhD        | Together | 78952.0 | 0 |
| <b>491</b> | 22    | 1976 | Graduation | Divorced | 46310.0 | 1 |
| <b>492</b> | 10965 | 1955 | Graduation | Together | 76005.0 | 0 |
| <b>493</b> | 9426  | 1964 | Master     | Single   | 58308.0 | 0 |
| <b>494</b> | 6605  | 1944 | PhD        | Divorced | 55614.0 | 0 |
| <b>495</b> | 3136  | 1962 | Master     | Divorced | 59432.0 | 0 |
| <b>496</b> | 8737  | 1978 | Graduation | Divorced | 55563.0 | 0 |
| <b>497</b> | 11088 | 1971 | PhD        | Together | 78642.0 | 0 |
| <b>498</b> | 716   | 1949 | PhD        | Together | 67911.0 | 0 |
| <b>499</b> | 466   | 1944 | Graduation | Married  | 65275.0 | 0 |
| <b>500</b> | 9135  | 1950 | Graduation | Together | 27203.0 | 1 |
| <b>501</b> | 10623 | 1961 | Master     | Together | 48330.0 | 0 |
| <b>502</b> | 8151  | 1990 | Basic      | Married  | 24279.0 | 0 |
| <b>503</b> | 5140  | 1985 | PhD        | Married  | 64355.0 | 1 |
| <b>504</b> | 10160 | 1956 | Master     | Together | 50943.0 | 0 |
| <b>505</b> | 4945  | 1953 | Graduation | Widow    | 53653.0 | 0 |
| <b>506</b> | 10584 | 1976 | Graduation | Married  | 65665.0 | 0 |
| <b>507</b> | 6071  | 1989 | Graduation | Single   | 81217.0 | 0 |
| <b>508</b> | 3386  | 1992 | Graduation | Married  | 34935.0 | 0 |
| <b>509</b> | 8939  | 1959 | Graduation | Divorced | 61250.0 | 0 |
| <b>510</b> | 9925  | 1981 | PhD        | Together | 39665.0 | 1 |
| <b>511</b> | 4320  | 1979 | Graduation | Single   | 60152.0 | 0 |
| <b>512</b> | 5389  | 1964 | Graduation | Married  | 48920.0 | 0 |
| <b>513</b> | 6036  | 1959 | Master     | Together | 89120.0 | 0 |
| <b>514</b> | 182   | 1946 | PhD        | Together | 44124.0 | 0 |
| <b>515</b> | 203   | 1975 | Master     | Single   | 81169.0 | 0 |
| <b>516</b> | 10205 | 1990 | Graduation | Married  | 36443.0 | 1 |
| <b>517</b> | 10205 | 1990 | Graduation | Single   | 26095.0 | 1 |
| <b>518</b> | 4607  | 1959 | Graduation | Together | 71367.0 | 0 |
| <b>519</b> | 3711  | 1944 | Master     | Married  | 80184.0 | 0 |

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|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>520</b> | 3696  | 1965 | Graduation | Divorced | 30630.0 | 1 |
| <b>521</b> | 2532  | 1987 | Master     | Single   | 73454.0 | 0 |
| <b>522</b> | 9214  | 1991 | Graduation | Married  | 42691.0 | 0 |
| <b>523</b> | 4943  | 1953 | Graduation | Married  | 70503.0 | 0 |
| <b>524</b> | 35    | 1987 | Graduation | Married  | 25545.0 | 1 |
| <b>525</b> | 2258  | 1986 | Graduation | Married  | 32880.0 | 1 |
| <b>526</b> | 4322  | 1958 | PhD        | Together | 77863.0 | 0 |
| <b>527</b> | 713   | 1977 | Master     | Married  | 50353.0 | 0 |
| <b>528</b> | 4702  | 1964 | Graduation | Single   | 61839.0 | 0 |
| <b>529</b> | 3281  | 1960 | PhD        | Married  | 49154.0 | 1 |
| <b>530</b> | 702   | 1975 | 2n Cycle   | Widow    | 47682.0 | 0 |
| <b>531</b> | 2004  | 1969 | Graduation | Single   | 72679.0 | 0 |
| <b>532</b> | 4769  | 1977 | Master     | Together | 57954.0 | 1 |
| <b>533</b> | 4437  | 1962 | Graduation | Married  | 65316.0 | 1 |
| <b>534</b> | 8724  | 1982 | Graduation | Single   | 28567.0 | 1 |
| <b>535</b> | 10741 | 1951 | Master     | Together | 47352.0 | 0 |
| <b>536</b> | 1991  | 1967 | Graduation | Together | 44931.0 | 0 |
| <b>537</b> | 6931  | 1967 | Graduation | Divorced | 76982.0 | 0 |
| <b>538</b> | 11096 | 1952 | 2n Cycle   | Together | 57247.0 | 0 |
| <b>539</b> | 304   | 1981 | Master     | Single   | 22944.0 | 1 |
| <b>540</b> | 3665  | 1977 | 2n Cycle   | Together | 25315.0 | 1 |
| <b>541</b> | 10591 | 1969 | Graduation | Widow    | 43638.0 | 0 |
| <b>542</b> | 5036  | 1984 | PhD        | Single   | 42710.0 | 1 |
| <b>543</b> | 5547  | 1982 | PhD        | Married  | 84169.0 | 0 |
| <b>544</b> | 7822  | 1976 | Graduation | Together | 54058.0 | 0 |
| <b>545</b> | 8541  | 1990 | 2n Cycle   | Married  | 24683.0 | 1 |
| <b>546</b> | 10955 | 1964 | Graduation | Widow    | 85620.0 | 0 |
| <b>547</b> | 4368  | 1980 | Graduation | Married  | 47850.0 | 1 |
| <b>548</b> | 9671  | 1968 | Graduation | Married  | 19514.0 | 1 |
|            |       |      | Master     | Married  | 27159.0 | 1 |
| <b>550</b> | 4279  | 1963 | 2n Cycle   | Single   | 39548.0 | 1 |
| <b>551</b> | 5371  | 1989 | Graduation | Single   | 21474.0 | 1 |
| <b>552</b> | 6240  | 1971 | PhD        | Single   | 60504.0 | 0 |

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|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>552</b> | 9240  | 1971 | PhD        | Single   | 60504.0 | 0 |
| <b>553</b> | 9460  | 1963 | Graduation | Married  | 22419.0 | 0 |
| <b>554</b> | 9504  | 1949 | Master     | Married  | 81698.0 | 0 |
| <b>555</b> | 8692  | 1952 | Graduation | Together | 43462.0 | 1 |
| <b>556</b> | 448   | 1978 | PhD        | Single   | 54880.0 | 1 |
| <b>557</b> | 8314  | 1982 | Graduation | Married  | 79908.0 | 0 |
| <b>558</b> | 8420  | 1970 | 2n Cycle   | Married  | 15315.0 | 0 |
| <b>559</b> | 3174  | 1959 | Graduation | Together | 87771.0 | 0 |
| <b>560</b> | 7685  | 1978 | Graduation | Married  | 33039.0 | 1 |
| <b>561</b> | 3179  | 1980 | Graduation | Single   | 81741.0 | 0 |
| <b>562</b> | 9780  | 1971 | Master     | Together | 71499.0 | 0 |
| <b>563</b> | 10681 | 1970 | 2n Cycle   | Married  | 62466.0 | 0 |
| <b>564</b> | 10232 | 1963 | PhD        | Divorced | 48799.0 | 0 |
| <b>565</b> | 4184  | 1950 | PhD        | Together | 52157.0 | 0 |
| <b>566</b> | 9120  | 1962 | Graduation | Single   | 66565.0 | 0 |
| <b>567</b> | 891   | 1951 | Master     | Together | 29298.0 | 1 |
| <b>568</b> | 10381 | 1979 | Graduation | Single   | 47691.0 | 0 |
| <b>569</b> | 3525  | 1970 | Graduation | Together | 38200.0 | 1 |
| <b>570</b> | 6818  | 1974 | Graduation | Married  | 44989.0 | 0 |
| <b>571</b> | 3526  | 1968 | PhD        | Married  | 38443.0 | 1 |
| <b>572</b> | 8181  | 1978 | 2n Cycle   | Single   | 38593.0 | 1 |
| <b>573</b> | 1029  | 1970 | PhD        | Together | 64413.0 | 0 |
| <b>574</b> | 7369  | 1981 | Master     | Married  | 36959.0 | 1 |
| <b>575</b> | 2574  | 1977 | PhD        | Married  | 61996.0 | 0 |
| <b>576</b> | 8159  | 1968 | Graduation | Married  | 51287.0 | 1 |
| <b>577</b> | 1160  | 1970 | Graduation | Married  | 13260.0 | 1 |
| <b>578</b> | 10242 | 1966 | PhD        | Together | 47472.0 | 1 |
| <b>579</b> | 5253  | 1956 | Master     | Together | 54603.0 | 1 |
| <b>580</b> | 5966  | 1974 | PhD        | Married  | 45207.0 | 1 |
| <b>581</b> | 5314  | 1951 | Graduation | Together | 40689.0 | 0 |
| <b>582</b> | 5314  | 1951 | 2n Cycle   | Together | 47821.0 | 1 |
| <b>583</b> | 5123  | 1951 | Master     | Married  | 27450.0 | 0 |
| <b>584</b> | 5756  | 1983 | Graduation | Together | 39453.0 | 1 |

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|            |       |      |            |          |          |   |
|------------|-------|------|------------|----------|----------|---|
| <b>585</b> | 8036  | 1971 | 2n Cycle   | Together | 26850.0  | 1 |
| <b>586</b> | 9058  | 1955 | Graduation | Widow    | 79800.0  | 0 |
| <b>587</b> | 5057  | 1961 | Master     | Married  | 61794.0  | 0 |
| <b>588</b> | 254   | 1955 | Graduation | Together | 53863.0  | 0 |
| <b>589</b> | 4179  | 1959 | Graduation | Together | 24221.0  | 0 |
| <b>590</b> | 3710  | 1984 | PhD        | Single   | 39684.0  | 1 |
| <b>591</b> | 7627  | 1975 | Master     | Married  | 92163.0  | 0 |
| <b>592</b> | 4501  | 1965 | Master     | Single   | 69882.0  | 0 |
| <b>593</b> | 6424  | 1977 | Graduation | Together | 33178.0  | 1 |
| <b>594</b> | 3075  | 1972 | PhD        | Married  | 59973.0  | 0 |
| <b>595</b> | 4992  | 1975 | Master     | Together | 17459.0  | 1 |
| <b>596</b> | 5252  | 1969 | Graduation | Divorced | 23910.0  | 1 |
| <b>597</b> | 7444  | 1969 | Master     | Married  | 42169.0  | 1 |
| <b>598</b> | 6919  | 1978 | 2n Cycle   | Married  | 26224.0  | 1 |
| <b>599</b> | 3537  | 1981 | Graduation | Together | 31089.0  | 1 |
| <b>600</b> | 10277 | 1961 | Graduation | Single   | 30081.0  | 0 |
| <b>601</b> | 2453  | 1960 | Graduation | Together | 62807.0  | 0 |
| <b>602</b> | 7972  | 1955 | Graduation | Single   | 72906.0  | 0 |
| <b>603</b> | 895   | 1948 | PhD        | Married  | 61467.0  | 0 |
| <b>604</b> | 1177  | 1966 | Master     | Together | 49618.0  | 1 |
| <b>605</b> | 7141  | 1986 | Master     | Single   | 21888.0  | 1 |
| <b>606</b> | 7232  | 1973 | Graduation | Widow    | 42429.0  | 0 |
| <b>607</b> | 8477  | 1956 | Graduation | Divorced | 26150.0  | 2 |
| <b>608</b> | 2457  | 1975 | Basic      | Married  | 30801.0  | 0 |
| <b>609</b> | 988   | 1965 | Graduation | Married  | 81168.0  | 0 |
| <b>610</b> | 7930  | 1969 | Master     | Single   | 26877.0  | 0 |
| <b>611</b> | 4587  | 1944 | Master     | Widow    | 45006.0  | 0 |
| <b>612</b> | 6682  | 1973 | Basic      | Married  | 18978.0  | 1 |
| <b>613</b> | 6222  | 1967 | Graduation | Married  | 22574.0  | 2 |
|            |       |      | PhD        | Single   | 48240.0  | 0 |
|            |       |      | Graduation | Married  | 45837.0  | 1 |
| <b>616</b> | 8953  | 1965 | Master     | Single   | 35791.0  | 2 |
| <b>617</b> | 1503  | 1976 | PhD        | Together | 162397.0 | 1 |

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|            |       |      |            |          |          |   |
|------------|-------|------|------------|----------|----------|---|
| <b>618</b> | 8650  | 1978 | Graduation | Widow    | 54162.0  | 1 |
| <b>619</b> | 10862 | 1960 | Master     | Married  | 30522.0  | 0 |
| <b>620</b> | 2782  | 1961 | PhD        | Married  | 54456.0  | 0 |
| <b>621</b> | 6941  | 1971 | Graduation | Single   | 31632.0  | 0 |
| <b>622</b> | 10972 | 1949 | Graduation | Widow    | 72298.0  | 0 |
| <b>623</b> | 10708 | 1978 | 2n Cycle   | Single   | 36975.0  | 1 |
| <b>624</b> | 6583  | 1955 | 2n Cycle   | Married  | 72635.0  | 0 |
| <b>625</b> | 3641  | 1976 | Graduation | Married  | 13624.0  | 1 |
| <b>626</b> | 10156 | 1975 | Graduation | Single   | 84196.0  | 0 |
| <b>627</b> | 4299  | 1960 | Graduation | Together | 70971.0  | 0 |
| <b>628</b> | 3469  | 1977 | PhD        | Divorced | 34487.0  | 1 |
| <b>629</b> | 5063  | 1977 | Graduation | Single   | 28769.0  | 1 |
| <b>630</b> | 10727 | 1970 | PhD        | Married  | 69084.0  | 1 |
| <b>631</b> | 9624  | 1958 | PhD        | Together | 65488.0  | 0 |
| <b>632</b> | 5156  | 1970 | 2n Cycle   | Married  | 62466.0  | 0 |
| <b>633</b> | 4376  | 1960 | 2n Cycle   | Single   | 32218.0  | 0 |
| <b>634</b> | 8923  | 1973 | Graduation | Single   | 83917.0  | 0 |
| <b>635</b> | 8461  | 1962 | Graduation | Divorced | 46102.0  | 2 |
| <b>636</b> | 6945  | 1952 | Graduation | Single   | 84574.0  | 0 |
| <b>637</b> | 944   | 1962 | Graduation | Married  | 56181.0  | 0 |
| <b>638</b> | 1907  | 1950 | Master     | Divorced | 63120.0  | 0 |
| <b>639</b> | 701   | 1971 | Graduation | Married  | 73691.0  | 0 |
| <b>640</b> | 3856  | 1960 | Graduation | Together | 63381.0  | 0 |
| <b>641</b> | 4149  | 1948 | PhD        | Together | 76140.0  | 0 |
| <b>642</b> | 2131  | 1959 | PhD        | Divorced | 62859.0  | 0 |
| <b>643</b> | 2942  | 1964 | Graduation | Single   | 45906.0  | 0 |
| <b>644</b> | 1173  | 1947 | Master     | Together | 77632.0  | 0 |
| <b>645</b> | 4381  | 1971 | PhD        | Married  | 46463.0  | 1 |
| <b>646</b> | 4611  | 1970 | Graduation | Together | 105471.0 | 0 |
| <b>648</b> | 4679  | 1977 | Master     | Divorced | 55282.0  | 1 |
| <b>649</b> | 10928 | 1958 | Graduation | Together | 66886.0  | 0 |
| <b>650</b> | 4248  | 1960 | Master     | Single   | 98777.0  | 0 |

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|            |       |      |            |          |          |   |
|------------|-------|------|------------|----------|----------|---|
| <b>651</b> | 6728  | 1985 | Graduation | Together | 29103.0  | 1 |
| <b>652</b> | 6661  | 1974 | Graduation | Married  | 67445.0  | 0 |
| <b>653</b> | 4725  | 1950 | PhD        | Together | 50616.0  | 0 |
| <b>654</b> | 3277  | 1955 | Graduation | Divorced | 49431.0  | 0 |
| <b>655</b> | 5555  | 1975 | Graduation | Divorced | 153924.0 | 0 |
| <b>656</b> | 2564  | 1953 | Graduation | Together | 61278.0  | 0 |
| <b>657</b> | 946   | 1958 | 2n Cycle   | Together | 26490.0  | 0 |
| <b>658</b> | 3867  | 1947 | PhD        | Together | 73059.0  | 0 |
| <b>659</b> | 6940  | 1966 | PhD        | Single   | 46734.0  | 1 |
| <b>660</b> | 55    | 1963 | Graduation | Together | 56253.0  | 0 |
| <b>661</b> | 7093  | 1985 | Graduation | Married  | 19986.0  | 1 |
| <b>662</b> | 5084  | 1975 | Graduation | Widow    | 58330.0  | 0 |
| <b>663</b> | 1777  | 1980 | Basic      | Married  | 25965.0  | 0 |
| <b>664</b> | 8162  | 1956 | Master     | Together | 14661.0  | 0 |
| <b>665</b> | 10826 | 1959 | Graduation | Married  | 18690.0  | 0 |
| <b>666</b> | 8754  | 1974 | PhD        | Together | 45068.0  | 0 |
| <b>667</b> | 1987  | 1987 | Basic      | Single   | 21063.0  | 1 |
| <b>668</b> | 11007 | 1968 | PhD        | Married  | 29187.0  | 1 |
| <b>669</b> | 7426  | 1971 | 2n Cycle   | Married  | 54690.0  | 1 |
| <b>670</b> | 9153  | 1964 | PhD        | Married  | 59304.0  | 0 |
| <b>671</b> | 10379 | 1962 | Master     | Single   | 59247.0  | 0 |
| <b>672</b> | 9204  | 1970 | Graduation | Widow    | 66731.0  | 0 |
| <b>673</b> | 3197  | 1980 | Graduation | Married  | 77353.0  | 0 |
| <b>674</b> | 2920  | 1975 | PhD        | Single   | 52614.0  | 0 |
| <b>675</b> | 6961  | 1974 | Graduation | Married  | 26751.0  | 2 |
| <b>676</b> | 4673  | 1963 | PhD        | Married  | 81300.0  | 0 |
| <b>677</b> | 9937  | 1979 | Graduation | Single   | 70337.0  | 0 |
| <b>678</b> | 8779  | 1985 | 2n Cycle   | Married  | 36145.0  | 1 |
| <b>679</b> | 9596  | 1980 | PhD        | Single   | 65295.0  | 0 |
| <b>680</b> | 10122 | 1975 | Graduation | Divorced | 68118.0  | 0 |
| <b>681</b> | 4910  | 1967 | Graduation | Divorced | 68743.0  | 0 |
| <b>682</b> | 75    | 1982 | 2n Cycle   | Together | 41039.0  | 0 |
| <b>683</b> | 10122 | 1975 | Graduation | Divorced | 68118.0  | 0 |

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|            |       |      |            |          |          |   |
|------------|-------|------|------------|----------|----------|---|
| <b>683</b> | 10120 | 1955 | Graduation | together | 38946.0  | 0 |
| <b>684</b> | 6327  | 1967 | Graduation | Together | 65777.0  | 0 |
| <b>685</b> | 10142 | 1976 | PhD        | Divorced | 66476.0  | 0 |
| <b>686</b> | 9826  | 1972 | PhD        | Single   | 86857.0  | 0 |
| <b>687</b> | 1501  | 1982 | PhD        | Married  | 160803.0 | 0 |
| <b>688</b> | 10767 | 1989 | PhD        | Together | 77845.0  | 0 |
| <b>689</b> | 7279  | 1969 | PhD        | Together | 69476.0  | 0 |
| <b>690</b> | 7230  | 1960 | PhD        | Divorced | 50611.0  | 0 |
| <b>691</b> | 143   | 1970 | Graduation | Single   | 61209.0  | 0 |
| <b>692</b> | 450   | 1958 | Master     | Together | 42315.0  | 0 |
| <b>693</b> | 9316  | 1952 | Basic      | Together | 13084.0  | 0 |
| <b>694</b> | 6379  | 1949 | Master     | Widow    | 47570.0  | 1 |
| <b>695</b> | 9239  | 1961 | Master     | Married  | 61923.0  | 0 |
| <b>696</b> | 8315  | 1995 | Graduation | Single   | 34824.0  | 0 |
| <b>697</b> | 2868  | 1949 | PhD        | Single   | 26518.0  | 1 |
| <b>698</b> | 10888 | 1961 | Graduation | Single   | 45938.0  | 0 |
| <b>699</b> | 1277  | 1960 | Graduation | Together | 78468.0  | 0 |
| <b>700</b> | 9977  | 1973 | Graduation | Divorced | 78901.0  | 0 |
| <b>701</b> | 10196 | 1978 | Graduation | Married  | 71427.0  | 2 |
| <b>702</b> | 6384  | 1978 | Graduation | Divorced | 71022.0  | 0 |
| <b>703</b> | 8029  | 1988 | Master     | Single   | 90247.0  | 0 |
| <b>704</b> | 968   | 1968 | Master     | Divorced | 41335.0  | 1 |
| <b>705</b> | 6988  | 1986 | Graduation | Married  | 71952.0  | 1 |
| <b>706</b> | 4472  | 1970 | PhD        | Divorced | 35682.0  | 1 |
| <b>707</b> | 6991  | 1951 | Graduation | Divorced | 43185.0  | 0 |
| <b>708</b> | 3336  | 1948 | PhD        | Together | 66375.0  | 0 |
| <b>709</b> | 4301  | 1971 | Master     | Married  | 35178.0  | 1 |
| <b>710</b> | 1940  | 1986 | Graduation | Married  | 25252.0  | 1 |
| <b>711</b> | 1272  | 1965 | Master     | Single   | 55250.0  | 0 |
|            |       |      | Graduation | Single   | 33249.0  | 1 |
|            |       |      | Graduation | Together | 58398.0  | 0 |
| <b>714</b> | 6969  | 1982 | Graduation | Together | 50272.0  | 1 |
| <b>715</b> | 10479 | 1975 | PhD        | Married  | 76618.0  | 0 |

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|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>716</b> | 3619  | 1960 | 2n Cycle   | Divorced | 87305.0 | 0 |
| <b>717</b> | 1715  | 1978 | Graduation | Together | 25851.0 | 1 |
| <b>718</b> | 10159 | 1970 | Graduation | Divorced | 58710.0 | 0 |
| <b>719</b> | 1463  | 1958 | Graduation | Single   | 45160.0 | 1 |
| <b>720</b> | 5114  | 1965 | Master     | Married  | 74806.0 | 0 |
| <b>721</b> | 4990  | 1954 | Graduation | Married  | 59111.0 | 0 |
| <b>722</b> | 4329  | 1984 | PhD        | Married  | 18988.0 | 1 |
| <b>723</b> | 10936 | 1965 | Graduation | Married  | 72190.0 | 0 |
| <b>724</b> | 4692  | 1976 | Graduation | Married  | 7500.0  | 1 |
| <b>725</b> | 7212  | 1966 | Graduation | Married  | 44794.0 | 0 |
| <b>726</b> | 6086  | 1955 | Graduation | Married  | 80395.0 | 0 |
| <b>727</b> | 437   | 1976 | Master     | Divorced | 75012.0 | 0 |
| <b>728</b> | 11171 | 1965 | Master     | Married  | 56962.0 | 2 |
| <b>729</b> | 11101 | 1991 | Graduation | Together | 89891.0 | 0 |
| <b>730</b> | 5329  | 1949 | PhD        | Divorced | 35946.0 | 1 |
| <b>731</b> | 610   | 1953 | PhD        | Together | 53593.0 | 1 |
| <b>732</b> | 9384  | 1978 | Graduation | Married  | 66373.0 | 1 |
| <b>733</b> | 5956  | 1948 | PhD        | Divorced | 45072.0 | 1 |
| <b>734</b> | 10430 | 1973 | Graduation | Divorced | 89694.0 | 1 |
| <b>735</b> | 7875  | 1949 | Graduation | Married  | 72025.0 | 0 |
| <b>736</b> | 7072  | 1973 | Graduation | Married  | 67432.0 | 0 |
| <b>737</b> | 6255  | 1952 | Master     | Together | 70545.0 | 0 |
| <b>738</b> | 6516  | 1989 | Basic      | Married  | 17487.0 | 1 |
| <b>739</b> | 5564  | 1969 | Graduation | Together | 62882.0 | 0 |
| <b>740</b> | 5682  | 1953 | PhD        | Single   | 64108.0 | 0 |
| <b>741</b> | 7458  | 1956 | Master     | Together | 34941.0 | 1 |
| <b>742</b> | 5237  | 1950 | PhD        | Single   | 48767.0 | 1 |
| <b>743</b> | 7761  | 1978 | 2n Cycle   | Together | 38702.0 | 1 |
| <b>744</b> | 5278  | 1964 | Graduation | Married  | 82224.0 | 0 |
|            |       |      | Graduation | Together | 83844.0 | 0 |
|            |       |      | 2n Cycle   | Married  | 17003.0 | 1 |
| <b>747</b> | 10548 | 1995 | Graduation | Single   | 71163.0 | 0 |
| <b>748</b> | 2281  | 1970 | Graduation | Single   | 33697.0 | 1 |

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|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>749</b> | 4073  | 1954 | 2n Cycle   | Married  | 63564.0 | 0 |
| <b>750</b> | 6974  | 1972 | PhD        | Together | 83443.0 | 0 |
| <b>751</b> | 7938  | 1958 | PhD        | Together | 51518.0 | 0 |
| <b>752</b> | 7094  | 1975 | Graduation | Widow    | 58330.0 | 0 |
| <b>753</b> | 3667  | 1969 | Graduation | Married  | 80952.0 | 0 |
| <b>754</b> | 7723  | 1979 | Graduation | Together | 75507.0 | 0 |
| <b>755</b> | 3870  | 1978 | 2n Cycle   | Together | 63855.0 | 0 |
| <b>756</b> | 4012  | 1972 | PhD        | Together | 62220.0 | 0 |
| <b>757</b> | 5909  | 1964 | Graduation | Married  | 58512.0 | 0 |
| <b>758</b> | 10470 | 1979 | Master     | Married  | 40662.0 | 1 |
| <b>759</b> | 6488  | 1959 | PhD        | Married  | 38829.0 | 0 |
| <b>760</b> | 10270 | 1981 | 2n Cycle   | Married  | 35523.0 | 1 |
| <b>761</b> | 6887  | 1967 | Graduation | Single   | 79146.0 | 1 |
| <b>762</b> | 6406  | 1988 | Master     | Married  | 78285.0 | 0 |
| <b>763</b> | 7573  | 1978 | PhD        | Single   | 31626.0 | 1 |
| <b>764</b> | 4508  | 1952 | Graduation | Single   | 75127.0 | 0 |
| <b>765</b> | 221   | 1955 | Graduation | Married  | 48726.0 | 0 |
| <b>766</b> | 5331  | 1977 | Graduation | Married  | 74985.0 | 0 |
| <b>767</b> | 1911  | 1987 | Graduation | Together | 67430.0 | 0 |
| <b>768</b> | 20    | 1965 | 2n Cycle   | Married  | 46891.0 | 0 |
| <b>769</b> | 8786  | 1956 | Master     | Married  | 62058.0 | 0 |
| <b>770</b> | 10582 | 1979 | Graduation | Married  | 72063.0 | 0 |
| <b>771</b> | 1915  | 1951 | PhD        | Married  | 78939.0 | 0 |
| <b>772</b> | 8897  | 1965 | Graduation | Single   | 42720.0 | 1 |
| <b>773</b> | 2371  | 1972 | Graduation | Married  | 33622.0 | 1 |
| <b>774</b> | 4303  | 1957 | PhD        | Together | 6835.0  | 0 |
| <b>775</b> | 6825  | 1953 | Graduation | Together | 41452.0 | 1 |
| <b>776</b> | 1072  | 1965 | PhD        | Single   | 40760.0 | 0 |
| <b>777</b> | 4964  | 1958 | PhD        | Together | 74250.0 | 0 |
| <b>779</b> | 10736 | 1971 | Master     | Single   | 51124.0 | 1 |
| <b>780</b> | 3194  | 1974 | PhD        | Single   | 71466.0 | 0 |
| <b>781</b> | 10839 | 1976 | Graduation | Together | 36283.0 | 1 |

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|     |       |      |            |          |         |     |
|-----|-------|------|------------|----------|---------|-----|
| 781 | 10000 | 1970 | Graduation | Together | 30200.0 | 1   |
| 782 | 49    | 1970 | Graduation | Single   | 20587.0 | 1   |
| 783 | 4290  | 1972 | Graduation | Married  | 30467.0 | 1   |
| 784 | 10219 | 1972 | Graduation | Together | 31590.0 | 1   |
| 785 | 4211  | 1986 | Basic      | Married  | 20425.0 | 1   |
| 786 | 1135  | 1960 | Master     | Together | 17144.0 | 1   |
| 787 | 6299  | 1968 | PhD        | Divorced | 42564.0 | 0   |
| 788 | 10846 | 1978 | Master     | Married  | 43783.0 | 1   |
| 789 | 347   | 1976 | Graduation | Divorced | 40780.0 | 0   |
| 790 | 6543  | 1945 | Master     | Together | 62847.0 | 0   |
| 791 | 10446 | 1957 | PhD        | Married  | 82017.0 | 0   |
| 792 | 3479  | 1950 | Graduation | Single   | 16813.0 | 0   |
| 793 | 11075 | 1978 | Graduation | Married  | 51267.0 | 1   |
| 794 | 4442  | 1961 | Graduation | Single   | 46524.0 | 0   |
| 795 | 199   | 1962 | Master     | Single   | 45183.0 | 0   |
| 796 | 6722  | 1954 | PhD        | Married  | 70421.0 | 0   |
| 797 | 796   | 1965 | 2n Cycle   | Divorced | 60161.0 | 0   |
| 798 | 3749  | 1973 | Graduation | Together | 73926.0 | 0   |
| 799 | 8523  | 1968 | Graduation | Married  | 19329.0 | 1   |
| 800 | 310   | 1970 | Master     | Married  | 61872.0 | 0   |
| 801 | 8629  | 1956 | Graduation | Widow    | 46984.0 | 1   |
| 802 | 236   | 1951 | Graduation | Married  | 34838.0 | 1   |
| 803 | 9930  | 1944 | PhD        | Single   | 82716.0 | 0   |
| 804 | 3483  | 1958 | Graduation | Married  | 48192.0 | 0   |
| 805 | 4599  | 1976 | Master     | Married  | 49681.0 | 0   |
| 806 | 7326  | 1971 | Master     | Married  | 56850.0 | 0   |
| 807 | 7352  | 1957 | Graduation | Married  | 55267.0 | 0   |
| 808 | 2350  | 1972 | Graduation | Married  | 59666.0 | 1   |
| 809 | 9145  | 1972 | Graduation | Single   | 72504.0 | 0   |
| 810 | 2064  | 1981 | Graduation | Married  | 26872.0 | 0   |
| 811 | 2064  | 1981 | Graduation | Single   | 21359.0 | 1   |
| 812 | 9687  | 1975 | Graduation | Single   | 73170.0 | 0   |
| 813 | 3732  | 1955 | Master     | Married  | 52750.0 | 0   |
| --- | ---   | ---  | ---        | ---      | ---     | --- |

Creating a copy...



|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>814</b> | 6303  | 1986 | PhD        | Together | 91820.0 | 0 |
| <b>815</b> | 11176 | 1970 | PhD        | Together | 65968.0 | 0 |
| <b>816</b> | 2986  | 1976 | Graduation | Married  | 30772.0 | 1 |
| <b>817</b> | 7462  | 1954 | Graduation | Single   | 22507.0 | 0 |
| <b>818</b> | 3900  | 1972 | Graduation | Married  | 65685.0 | 0 |
| <b>819</b> | 7034  | 1978 | 2n Cycle   | Married  | 25804.0 | 1 |
| <b>820</b> | 9493  | 1980 | PhD        | Single   | 76412.0 | 0 |
| <b>821</b> | 1143  | 1972 | Graduation | Married  | 22063.0 | 1 |
| <b>822</b> | 1     | 1961 | Graduation | Single   | 57091.0 | 0 |
| <b>823</b> | 3855  | 1963 | Graduation | Married  | 22419.0 | 0 |
| <b>824</b> | 5536  | 1959 | Graduation | Together | 87771.0 | 0 |
| <b>825</b> | 5989  | 1959 | 2n Cycle   | Divorced | 78353.0 | 0 |
| <b>826</b> | 9499  | 1954 | Graduation | Married  | 93404.0 | 1 |
| <b>827</b> | 6768  | 1962 | Graduation | Divorced | 37859.0 | 1 |
| <b>828</b> | 2150  | 1958 | PhD        | Widow    | 80995.0 | 0 |
| <b>829</b> | 6646  | 1984 | Graduation | Together | 16529.0 | 1 |
| <b>830</b> | 4887  | 1976 | PhD        | Divorced | 55412.0 | 1 |
| <b>831</b> | 8560  | 1992 | Graduation | Single   | 48789.0 | 0 |
| <b>832</b> | 3321  | 1967 | PhD        | Together | 56575.0 | 0 |
| <b>833</b> | 11003 | 1980 | 2n Cycle   | Together | 25130.0 | 1 |
| <b>834</b> | 10402 | 1967 | Graduation | Married  | 35441.0 | 1 |
| <b>835</b> | 9904  | 1956 | Graduation | Married  | 71391.0 | 0 |
| <b>836</b> | 6141  | 1972 | Master     | Single   | 49494.0 | 1 |
| <b>837</b> | 5687  | 1980 | Graduation | Divorced | 81702.0 | 0 |
| <b>838</b> | 10856 | 1980 | 2n Cycle   | Single   | 45889.0 | 0 |
| <b>839</b> | 5121  | 1977 | Graduation | Single   | 56628.0 | 0 |
| <b>840</b> | 4186  | 1950 | Graduation | Together | 34026.0 | 1 |
| <b>841</b> | 368   | 1974 | Graduation | Married  | 40049.0 | 0 |
| <b>842</b> | 3312  | 1988 | Graduation | Single   | 34176.0 | 1 |
|            |       |      | Graduation | Married  | 19419.0 | 1 |
|            |       |      | 2n Cycle   | Married  | 82504.0 | 0 |
| <b>845</b> | 5848  | 1970 | Graduation | Together | 81205.0 | 0 |
| <b>846</b> | 10343 | 1991 | 2n Cycle   | Single   | 61618.0 | 0 |

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|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>847</b> | 5935  | 1956 | Master     | Single   | 55284.0 | 0 |
| <b>848</b> | 2895  | 1963 | Graduation | Single   | 49980.0 | 0 |
| <b>849</b> | 10262 | 1980 | Graduation | Married  | 15072.0 | 2 |
| <b>850</b> | 7848  | 1974 | Graduation | Single   | 49166.0 | 0 |
| <b>851</b> | 9477  | 1954 | PhD        | Married  | 65324.0 | 0 |
| <b>852</b> | 4856  | 1957 | 2n Cycle   | Married  | 82347.0 | 0 |
| <b>853</b> | 7186  | 1966 | PhD        | Together | 30843.0 | 1 |
| <b>854</b> | 5794  | 1974 | PhD        | Married  | 46374.0 | 0 |
| <b>855</b> | 1456  | 1979 | Graduation | Single   | 60474.0 | 0 |
| <b>856</b> | 4877  | 1973 | Master     | Married  | 38576.0 | 0 |
| <b>857</b> | 425   | 1985 | Graduation | Married  | 55357.0 | 2 |
| <b>858</b> | 3007  | 1966 | Graduation | Together | 37758.0 | 1 |
| <b>859</b> | 1031  | 1989 | 2n Cycle   | Married  | 85710.0 | 0 |
| <b>860</b> | 4297  | 1969 | Graduation | Together | 23228.0 | 1 |
| <b>861</b> | 807   | 1969 | Master     | Together | 44602.0 | 1 |
| <b>862</b> | 9553  | 1987 | Graduation | Married  | 7500.0  | 0 |
| <b>863</b> | 4271  | 1989 | 2n Cycle   | Together | 38683.0 | 1 |
| <b>864</b> | 4120  | 1975 | 2n Cycle   | Single   | 49514.0 | 1 |
| <b>865</b> | 2036  | 1973 | PhD        | Together | 57906.0 | 0 |
| <b>866</b> | 115   | 1966 | Master     | Single   | 43456.0 | 0 |
| <b>867</b> | 4259  | 1986 | Master     | Single   | 19485.0 | 2 |
| <b>868</b> | 8687  | 1978 | Graduation | Together | 53172.0 | 0 |
| <b>869</b> | 2447  | 1979 | Graduation | Together | 30545.0 | 1 |
| <b>870</b> | 10140 | 1983 | PhD        | Together | 70123.0 | 0 |
| <b>871</b> | 9353  | 1959 | Graduation | Single   | 62450.0 | 0 |
| <b>872</b> | 3623  | 1976 | Graduation | Together | 21675.0 | 1 |
| <b>873</b> | 738   | 1981 | 2n Cycle   | Single   | 42395.0 | 1 |
| <b>874</b> | 7631  | 1978 | Master     | Together | 61346.0 | 1 |
| <b>875</b> | 4789  | 1953 | Graduation | Together | 80812.0 | 0 |
| <b>876</b> | 18884 | 1988 | Master     | Divorced | 42835.0 | 1 |
| <b>877</b> | 18884 | 1988 | Graduation | Married  | 39922.0 | 1 |
| <b>878</b> | 1446  | 1956 | Master     | Single   | 86424.0 | 0 |
| <b>879</b> | 3270  | 1978 | 2n Cycle   | Together | 17117.0 | 1 |

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|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>880</b> | 8443  | 1972 | Graduation | Single   | 24762.0 | 1 |
| <b>881</b> | 9653  | 1975 | Graduation | Married  | 35797.0 | 0 |
| <b>882</b> | 8916  | 1975 | Graduation | Divorced | 36627.0 | 2 |
| <b>883</b> | 8017  | 1981 | 2n Cycle   | Married  | 51111.0 | 1 |
| <b>884</b> | 5830  | 1972 | PhD        | Single   | 86857.0 | 0 |
| <b>885</b> | 4597  | 1970 | PhD        | Together | 82072.0 | 0 |
| <b>886</b> | 7023  | 1953 | PhD        | Single   | 46231.0 | 2 |
| <b>887</b> | 8086  | 1959 | Graduation | Married  | 42243.0 | 1 |
| <b>888</b> | 8825  | 1962 | Graduation | Together | 51195.0 | 1 |
| <b>889</b> | 2930  | 1978 | Master     | Single   | 68092.0 | 0 |
| <b>890</b> | 1928  | 1973 | Graduation | Married  | 31814.0 | 1 |
| <b>891</b> | 7108  | 1965 | Master     | Widow    | 51390.0 | 1 |
| <b>892</b> | 10925 | 1983 | Graduation | Married  | 76630.0 | 0 |
| <b>893</b> | 9960  | 1991 | Basic      | Single   | 26868.0 | 1 |
| <b>894</b> | 8800  | 1943 | PhD        | Divorced | 48948.0 | 0 |
| <b>895</b> | 9224  | 1972 | PhD        | Single   | 55260.0 | 0 |
| <b>896</b> | 5519  | 1956 | Graduation | Together | 64090.0 | 0 |
| <b>897</b> | 5046  | 1958 | Graduation | Divorced | 78331.0 | 0 |
| <b>898</b> | 7037  | 1974 | PhD        | Married  | 37087.0 | 1 |
| <b>899</b> | 905   | 1986 | Graduation | Divorced | 21846.0 | 1 |
| <b>900</b> | 8624  | 1958 | Graduation | Married  | 81320.0 | 0 |
| <b>901</b> | 8945  | 1970 | Graduation | Divorced | 54137.0 | 0 |
| <b>902</b> | 6445  | 1967 | Graduation | Together | 66825.0 | 0 |
| <b>903</b> | 2727  | 1973 | Graduation | Together | 57100.0 | 0 |
| <b>904</b> | 6404  | 1969 | Graduation | Together | 58917.0 | 1 |
| <b>905</b> | 11074 | 1977 | Graduation | Single   | 85072.0 | 0 |
| <b>906</b> | 10150 | 1961 | Graduation | Single   | 86429.0 | 0 |
| <b>907</b> | 1968  | 1971 | Graduation | Widow    | 45684.0 | 1 |
| <b>908</b> | 6534  | 1974 | Graduation | Together | 47889.0 | 1 |
|            |       |      | PhD        | Married  | 45921.0 | 0 |
| <b>910</b> | 7053  | 1966 | PhD        | Single   | 78420.0 | 0 |
| <b>911</b> | 4654  | 1992 | Graduation | Together | 75114.0 | 0 |
| <b>912</b> | 8760  | 1963 | PhD        | Widow    | 52278.0 | 0 |

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|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>912</b> | 9700  | 1905 | PhD        | Widow    | 32270.0 | 0 |
| <b>913</b> | 1048  | 1972 | Master     | Married  | 35641.0 | 1 |
| <b>914</b> | 10619 | 1994 | Graduation | Single   | 95529.0 | 0 |
| <b>915</b> | 9308  | 1954 | Graduation | Married  | 62820.0 | 0 |
| <b>916</b> | 10505 | 1960 | Master     | Together | 73113.0 | 0 |
| <b>917</b> | 8362  | 1982 | PhD        | Married  | 84169.0 | 0 |
| <b>918</b> | 2625  | 1954 | 2n Cycle   | Single   | 42607.0 | 0 |
| <b>919</b> | 4637  | 1954 | PhD        | Single   | 74637.0 | 0 |
| <b>920</b> | 9972  | 1955 | PhD        | Together | 46015.0 | 1 |
| <b>921</b> | 4483  | 1993 | Graduation | Single   | 72354.0 | 0 |
| <b>922</b> | 4487  | 1969 | Master     | Single   | 39858.0 | 1 |
| <b>923</b> | 4988  | 1948 | PhD        | Married  | 34469.0 | 1 |
| <b>924</b> | 8931  | 1986 | Graduation | Together | 83033.0 | 1 |
| <b>925</b> | 5871  | 1979 | Master     | Together | 24401.0 | 0 |
| <b>926</b> | 2008  | 1978 | Graduation | Married  | 77583.0 | 0 |
| <b>927</b> | 3139  | 1982 | 2n Cycle   | Single   | 74116.0 | 0 |
| <b>928</b> | 10037 | 1993 | Graduation | Single   | 74293.0 | 0 |
| <b>929</b> | 10673 | 1976 | PhD        | Married  | 68397.0 | 0 |
| <b>930</b> | 5303  | 1974 | PhD        | Together | 79632.0 | 0 |
| <b>931</b> | 538   | 1989 | Graduation | Single   | 46107.0 | 1 |
| <b>932</b> | 7922  | 1951 | PhD        | Single   | 64950.0 | 0 |
| <b>933</b> | 5692  | 1989 | Basic      | Married  | 25443.0 | 1 |
| <b>934</b> | 4843  | 1952 | Graduation | Single   | 75127.0 | 0 |
| <b>935</b> | 6383  | 1971 | PhD        | Together | 32892.0 | 1 |
| <b>936</b> | 1628  | 1971 | Graduation | Together | 71796.0 | 0 |
| <b>937</b> | 1204  | 1970 | PhD        | Married  | 67536.0 | 0 |
| <b>938</b> | 3673  | 1971 | Graduation | Single   | 55239.0 | 0 |
| <b>939</b> | 760   | 1975 | PhD        | Divorced | 60554.0 | 1 |
| <b>940</b> | 8957  | 1952 | 2n Cycle   | Single   | 64831.0 | 1 |
| <b>941</b> | 4130  | 1962 | PhD        | Together | 56067.0 | 0 |
| <b>942</b> | 5120  | 1962 | Graduation | Divorced | 82025.0 | 0 |
| <b>943</b> | 5386  | 1953 | Graduation | Together | 94384.0 | 0 |
| <b>944</b> | 8700  | 1986 | Basic      | Single   | 14906.0 | 0 |

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|            |       |      |            |          |         |   |
|------------|-------|------|------------|----------|---------|---|
| <b>945</b> | 3202  | 1987 | PhD        | Married  | 51563.0 | 0 |
| <b>946</b> | 1328  | 1982 | 2n Cycle   | Married  | 57937.0 | 0 |
| <b>947</b> | 8405  | 1979 | Graduation | Divorced | 68274.0 | 1 |
| <b>948</b> | 6515  | 1977 | Graduation | Together | 39771.0 | 1 |
| <b>949</b> | 2882  | 1975 | 2n Cycle   | Divorced | 67893.0 | 0 |
| <b>950</b> | 7574  | 1979 | PhD        | Together | 27922.0 | 1 |
| <b>951</b> | 6387  | 1976 | PhD        | Together | 52190.0 | 1 |
| <b>952</b> | 5320  | 1973 | Master     | Divorced | 44051.0 | 1 |
| <b>953</b> | 5048  | 1971 | PhD        | Single   | 42767.0 | 2 |
| <b>954</b> | 8146  | 1976 | Master     | Together | 46106.0 | 1 |
| <b>955</b> | 10031 | 1976 | PhD        | Married  | 16927.0 | 1 |
| <b>956</b> | 5748  | 1965 | Graduation | Married  | 59754.0 | 0 |
| <b>957</b> | 2134  | 1952 | Graduation | Single   | 53700.0 | 0 |
| <b>958</b> | 1523  | 1973 | Graduation | Married  | 59041.0 | 1 |
| <b>959</b> | 9665  | 1957 | PhD        | Divorced | 54237.0 | 0 |
| <b>960</b> | 4640  | 1967 | Graduation | Divorced | 70647.0 | 0 |
| <b>961</b> | 3635  | 1962 | PhD        | Single   | 52597.0 | 0 |
| <b>962</b> | 3547  | 1969 | Master     | Together | 41021.0 | 1 |
| <b>963</b> | 2456  | 1975 | PhD        | Married  | 40233.0 | 0 |
| <b>964</b> | 5633  | 1980 | Graduation | Married  | 50183.0 | 1 |
| <b>965</b> | 7801  | 1959 | Graduation | Together | 54753.0 | 0 |
| <b>966</b> | 10489 | 1973 | Graduation | Married  | 92955.0 | 0 |
| <b>967</b> | 7011  | 1973 | Graduation | Married  | 33471.0 | 1 |
| <b>968</b> | 2620  | 1974 | PhD        | Married  | 34596.0 | 1 |
| <b>969</b> | 3933  | 1980 | Graduation | Together | 44010.0 | 1 |
| <b>970</b> | 10981 | 1988 | Graduation | Married  | 84219.0 | 0 |
| <b>971</b> | 1734  | 1968 | PhD        | Together | 40706.0 | 2 |
| <b>972</b> | 10995 | 1988 | 2n Cycle   | Married  | 15716.0 | 1 |
| <b>973</b> | 6357  | 1959 | 2n Cycle   | Divorced | 59052.0 | 0 |
|            |       |      | Master     | Together | 80573.0 | 0 |
|            |       |      | Graduation | Married  | 83715.0 | 0 |
| <b>976</b> | 2611  | 1959 | Master     | Together | 82576.0 | 0 |
| <b>977</b> | 1600  | 1965 | Master     | Married  | 56962.0 | 2 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>978</b>  | 3308  | 1952 | Graduation | Married  | 35704.0 | 1 |
| <b>979</b>  | 5407  | 1954 | Graduation | Together | 53103.0 | 0 |
| <b>980</b>  | 2166  | 1960 | 2n Cycle   | Widow    | 46779.0 | 1 |
| <b>981</b>  | 3955  | 1965 | Graduation | Divorced | 4861.0  | 0 |
| <b>982</b>  | 6634  | 1979 | Master     | Divorced | 33462.0 | 1 |
| <b>983</b>  | 3056  | 1978 | Graduation | Divorced | 63693.0 | 0 |
| <b>984</b>  | 5718  | 1950 | Graduation | Married  | 80763.0 | 0 |
| <b>985</b>  | 6872  | 1974 | PhD        | Married  | 65352.0 | 0 |
| <b>986</b>  | 8164  | 1978 | PhD        | Married  | 82170.0 | 0 |
| <b>987</b>  | 4580  | 1969 | Graduation | Married  | 75759.0 | 0 |
| <b>988</b>  | 9305  | 1976 | 2n Cycle   | Single   | 79689.0 | 0 |
| <b>989</b>  | 453   | 1956 | PhD        | Widow    | 35340.0 | 1 |
| <b>990</b>  | 8545  | 1954 | Graduation | Divorced | 85683.0 | 0 |
| <b>991</b>  | 9850  | 1972 | 2n Cycle   | Married  | 24884.0 | 1 |
| <b>992</b>  | 7378  | 1981 | Master     | Together | 42021.0 | 1 |
| <b>993</b>  | 7646  | 1989 | Graduation | Single   | 64449.0 | 1 |
| <b>994</b>  | 1640  | 1954 | Graduation | Divorced | 64587.0 | 1 |
| <b>995</b>  | 5184  | 1995 | Graduation | Single   | 34824.0 | 0 |
| <b>996</b>  | 8492  | 1978 | Graduation | Together | 75437.0 | 0 |
| <b>997</b>  | 11188 | 1957 | Graduation | Together | 26091.0 | 1 |
| <b>998</b>  | 1212  | 1973 | Graduation | Married  | 52845.0 | 1 |
| <b>999</b>  | 9097  | 1956 | Graduation | Divorced | 46086.0 | 0 |
| <b>1000</b> | 10473 | 1956 | PhD        | Widow    | 78028.0 | 0 |
| <b>1001</b> | 7962  | 1987 | PhD        | Single   | 95169.0 | 0 |
| <b>1002</b> | 9984  | 1981 | 2n Cycle   | Married  | 56337.0 | 1 |
| <b>1003</b> | 5527  | 1987 | Graduation | Together | 22434.0 | 1 |
| <b>1004</b> | 6374  | 1954 | PhD        | Married  | 36930.0 | 0 |
| <b>1005</b> | 7453  | 1954 | Graduation | Single   | 36130.0 | 0 |
| <b>1006</b> | 8952  | 1953 | Master     | Married  | 65569.0 | 0 |
| <b>1007</b> | 8975  | 1968 | Graduation | Together | 83844.0 | 0 |
| <b>1008</b> | 6975  | 1968 | Graduation | Married  | 19514.0 | 1 |
| <b>1009</b> | 6119  | 1963 | PhD        | Single   | 36736.0 | 1 |
| <b>1010</b> | 5236  | 1979 | Graduation | Together | 77568.0 | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1011</b> | 5723  | 1976 | PhD        | Together | 49187.0 | 0 |
| <b>1012</b> | 1710  | 1978 | Graduation | Single   | 30168.0 | 1 |
| <b>1013</b> | 1970  | 1968 | Master     | Together | 34053.0 | 0 |
| <b>1014</b> | 5313  | 1971 | Master     | Married  | 38196.0 | 1 |
| <b>1015</b> | 10634 | 1951 | Master     | Married  | 59412.0 | 0 |
| <b>1016</b> | 7010  | 1965 | 2n Cycle   | Married  | 70924.0 | 0 |
| <b>1017</b> | 8562  | 1969 | Graduation | Together | 54165.0 | 0 |
| <b>1018</b> | 3158  | 1973 | Graduation | Married  | 32300.0 | 1 |
| <b>1019</b> | 4436  | 1976 | Graduation | Single   | 20180.0 | 0 |
| <b>1020</b> | 5287  | 1973 | Graduation | Married  | 34961.0 | 1 |
| <b>1021</b> | 2445  | 1974 | PhD        | Together | 28440.0 | 1 |
| <b>1022</b> | 6059  | 1953 | PhD        | Together | 64504.0 | 1 |
| <b>1023</b> | 4550  | 1966 | Master     | Together | 33564.0 | 0 |
| <b>1024</b> | 4240  | 1978 | Graduation | Married  | 17345.0 | 1 |
| <b>1025</b> | 8911  | 1967 | PhD        | Married  | 56320.0 | 0 |
| <b>1026</b> | 3706  | 1978 | Graduation | Single   | 28647.0 | 1 |
| <b>1027</b> | 3628  | 1987 | Basic      | Single   | 15038.0 | 1 |
| <b>1028</b> | 10175 | 1958 | PhD        | Divorced | 32173.0 | 0 |
| <b>1029</b> | 8985  | 1964 | 2n Cycle   | Together | 68316.0 | 0 |
| <b>1030</b> | 5204  | 1971 | Graduation | Together | 74538.0 | 0 |
| <b>1031</b> | 9220  | 1971 | Graduation | Single   | 91700.0 | 0 |
| <b>1032</b> | 9888  | 1969 | Graduation | Together | 68695.0 | 0 |
| <b>1033</b> | 5263  | 1977 | 2n Cycle   | Married  | 31056.0 | 1 |
| <b>1034</b> | 1020  | 1973 | Graduation | Married  | 79593.0 | 0 |
| <b>1035</b> | 9503  | 1980 | Graduation | Single   | 28071.0 | 0 |
| <b>1036</b> | 10613 | 1958 | PhD        | Together | 37334.0 | 1 |
| <b>1037</b> | 67    | 1972 | Master     | Single   | 46423.0 | 1 |
| <b>1038</b> | 6019  | 1971 | PhD        | Married  | 37126.0 | 1 |
| <b>1039</b> | 5863  | 1953 | Graduation | Married  | 47703.0 | 0 |
| <b>1040</b> | 4000  | 1962 | Graduation | Married  | 61180.0 | 0 |
| <b>1041</b> | 6730  | 1954 | Graduation | Married  | 38998.0 | 1 |
| <b>1042</b> | 10749 | 1991 | Graduation | Single   | 8028.0  | 0 |
| <b>1043</b> | 4000  | 1962 | Graduation | Together | 76081.0 | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1043</b> | 4998  | 1962 | Graduation | together | 76081.0 | 0 |
| <b>1044</b> | 6287  | 1986 | Graduation | Together | 34728.0 | 1 |
| <b>1045</b> | 5985  | 1965 | Master     | Single   | 33168.0 | 0 |
| <b>1046</b> | 4754  | 1966 | Master     | Married  | 33585.0 | 0 |
| <b>1047</b> | 4002  | 1960 | PhD        | Married  | 77037.0 | 0 |
| <b>1048</b> | 8870  | 1984 | Graduation | Together | 35196.0 | 1 |
| <b>1049</b> | 966   | 1966 | Graduation | Married  | 44529.0 | 0 |
| <b>1050</b> | 4767  | 1965 | 2n Cycle   | Married  | 70924.0 | 0 |
| <b>1051</b> | 9725  | 1966 | PhD        | Together | 28764.0 | 1 |
| <b>1052</b> | 4475  | 1949 | PhD        | Married  | 69098.0 | 0 |
| <b>1053</b> | 5740  | 1970 | 2n Cycle   | Divorced | 25959.0 | 1 |
| <b>1054</b> | 5731  | 1983 | Master     | Married  | 27100.0 | 1 |
| <b>1055</b> | 7290  | 1985 | Graduation | Single   | 70596.0 | 0 |
| <b>1056</b> | 3846  | 1974 | Graduation | Married  | 42557.0 | 0 |
| <b>1057</b> | 8104  | 1951 | PhD        | Married  | 53312.0 | 0 |
| <b>1058</b> | 4507  | 1952 | Graduation | Single   | 72228.0 | 0 |
| <b>1059</b> | 11013 | 1987 | Graduation | Together | 67605.0 | 0 |
| <b>1060</b> | 4491  | 1949 | Master     | Married  | 62845.0 | 1 |
| <b>1061</b> | 3759  | 1958 | Graduation | Together | 65196.0 | 0 |
| <b>1062</b> | 1162  | 1987 | PhD        | Single   | 42000.0 | 0 |
| <b>1063</b> | 2055  | 1973 | PhD        | Divorced | 35860.0 | 1 |
| <b>1064</b> | 10766 | 1964 | PhD        | Married  | 65526.0 | 0 |
| <b>1065</b> | 4415  | 1961 | Graduation | Married  | 16860.0 | 1 |
| <b>1066</b> | 3005  | 1992 | Graduation | Single   | 83528.0 | 0 |
| <b>1067</b> | 2223  | 1965 | 2n Cycle   | Divorced | 64176.0 | 0 |
| <b>1068</b> | 4817  | 1956 | Graduation | Divorced | 22304.0 | 0 |
| <b>1069</b> | 2875  | 1978 | Graduation | Married  | 67023.0 | 0 |
| <b>1070</b> | 10536 | 1971 | PhD        | Together | 32892.0 | 1 |
| <b>1071</b> | 11112 | 1966 | Graduation | Together | 70713.0 | 0 |
| <b>1072</b> | 6667  | 1977 | Graduation | Together | 59925.0 | 0 |
| <b>1073</b> | 6667  | 1977 | Graduation | Married  | 39722.0 | 0 |
| <b>1074</b> | 10832 | 1958 | Graduation | Together | 46610.0 | 0 |
| <b>1075</b> | 6421  | 1961 | Graduation | Together | 88347.0 | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1076</b> | 4207  | 1981 | PhD        | Married  | 87171.0 | 0 |
| <b>1077</b> | 577   | 1976 | 2n Cycle   | Together | 26907.0 | 1 |
| <b>1078</b> | 10855 | 1968 | Master     | Single   | 50014.0 | 1 |
| <b>1079</b> | 3081  | 1978 | PhD        | Married  | 41014.0 | 1 |
| <b>1080</b> | 3535  | 1965 | Graduation | Single   | 66294.0 | 0 |
| <b>1081</b> | 247   | 1971 | Graduation | Married  | 36715.0 | 1 |
| <b>1082</b> | 8707  | 1956 | Graduation | Married  | 79456.0 | 0 |
| <b>1083</b> | 9523  | 1982 | Graduation | Together | 40479.0 | 1 |
| <b>1084</b> | 6072  | 1970 | Master     | Single   | 75345.0 | 0 |
| <b>1085</b> | 6295  | 1977 | Graduation | Married  | 54233.0 | 0 |
| <b>1086</b> | 10914 | 1970 | Graduation | Single   | 24163.0 | 1 |
| <b>1087</b> | 1509  | 1958 | PhD        | Together | 84460.0 | 0 |
| <b>1088</b> | 5577  | 1983 | Graduation | Together | 43776.0 | 1 |
| <b>1089</b> | 7348  | 1958 | PhD        | Single   | 71691.0 | 0 |
| <b>1090</b> | 1127  | 1973 | PhD        | Married  | 85844.0 | 0 |
| <b>1091</b> | 1833  | 1974 | PhD        | Single   | 39190.0 | 1 |
| <b>1092</b> | 4944  | 1959 | Graduation | Together | 71367.0 | 0 |
| <b>1093</b> | 9080  | 1972 | PhD        | Single   | 38578.0 | 1 |
| <b>1094</b> | 6466  | 1965 | PhD        | Married  | 57236.0 | 1 |
| <b>1095</b> | 9964  | 1979 | Graduation | Single   | 61825.0 | 0 |
| <b>1096</b> | 4790  | 1958 | Graduation | Divorced | 79803.0 | 0 |
| <b>1097</b> | 10245 | 1986 | 2n Cycle   | Single   | 80910.0 | 0 |
| <b>1098</b> | 1109  | 1982 | Master     | Together | 27590.0 | 1 |
| <b>1099</b> | 6001  | 1979 | Graduation | Married  | 56775.0 | 0 |
| <b>1100</b> | 5538  | 1975 | Graduation | Divorced | 83829.0 | 0 |
| <b>1101</b> | 10552 | 1979 | 2n Cycle   | Married  | 54210.0 | 0 |
| <b>1102</b> | 1545  | 1986 | Graduation | Married  | 38508.0 | 1 |
| <b>1103</b> | 7409  | 1970 | Graduation | Together | 53187.0 | 1 |
| <b>1104</b> | 4444  | 1972 | Graduation | Married  | 30023.0 | 1 |
|             |       |      | PhD        | Single   | 76045.0 | 0 |
|             |       |      | PhD        | Married  | 50870.0 | 0 |
| <b>1107</b> | 10065 | 1970 | 2n Cycle   | Married  | 15315.0 | 0 |
| <b>1108</b> | 4741  | 1974 | 2n Cycle   | Married  | 65463.0 | 1 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1109</b> | 246   | 1965 | Graduation | Married  | 66480.0 | 1 |
| <b>1110</b> | 375   | 1954 | Graduation | Divorced | 76773.0 | 0 |
| <b>1111</b> | 1524  | 1983 | 2n Cycle   | Single   | 81698.0 | 0 |
| <b>1112</b> | 10022 | 1973 | PhD        | Single   | 54466.0 | 1 |
| <b>1113</b> | 7451  | 1960 | Master     | Single   | 98777.0 | 0 |
| <b>1114</b> | 11010 | 1984 | PhD        | Single   | 16269.0 | 1 |
| <b>1115</b> | 4356  | 1971 | Graduation | Together | 71819.0 | 0 |
| <b>1116</b> | 3885  | 1983 | PhD        | Married  | 33569.0 | 1 |
| <b>1117</b> | 1175  | 1983 | Master     | Married  | 36262.0 | 0 |
| <b>1118</b> | 880   | 1966 | Basic      | Together | 22634.0 | 0 |
| <b>1119</b> | 2320  | 1978 | 2n Cycle   | Married  | 47025.0 | 0 |
| <b>1120</b> | 850   | 1968 | Graduation | Single   | 70566.0 | 0 |
| <b>1121</b> | 4713  | 1979 | PhD        | Married  | 31605.0 | 1 |
| <b>1122</b> | 675   | 1973 | Master     | Divorced | 52034.0 | 1 |
| <b>1123</b> | 5025  | 1979 | Graduation | Single   | 48526.0 | 1 |
| <b>1124</b> | 2308  | 1954 | Graduation | Married  | 46734.0 | 0 |
| <b>1125</b> | 5995  | 1962 | Graduation | Divorced | 39552.0 | 1 |
| <b>1126</b> | 6749  | 1966 | Graduation | Single   | 86358.0 | 1 |
| <b>1127</b> | 1010  | 1977 | Graduation | Together | 46931.0 | 2 |
| <b>1128</b> | 8977  | 1985 | Basic      | Single   | 16581.0 | 0 |
| <b>1129</b> | 4756  | 1952 | 2n Cycle   | Divorced | 63998.0 | 0 |
| <b>1130</b> | 3412  | 1951 | Master     | Married  | 67381.0 | 0 |
| <b>1131</b> | 606   | 1967 | Graduation | Single   | 25930.0 | 1 |
| <b>1132</b> | 5961  | 1978 | Graduation | Married  | 42693.0 | 1 |
| <b>1133</b> | 2975  | 1976 | Graduation | Together | 85606.0 | 0 |
| <b>1134</b> | 2894  | 1985 | Graduation | Single   | 72903.0 | 0 |
| <b>1135</b> | 7613  | 1974 | 2n Cycle   | Together | 49669.0 | 1 |
| <b>1136</b> | 10542 | 1968 | PhD        | Married  | 36778.0 | 1 |
| <b>1137</b> | 8015  | 1962 | PhD        | Divorced | 85696.0 | 0 |
| <b>1138</b> | 11166 | 1961 | Master     | Divorced | 10979.0 | 0 |
| <b>1139</b> | 11166 | 1961 | Graduation | Married  | 49678.0 | 0 |
| <b>1140</b> | 849   | 1953 | Master     | Together | 56129.0 | 0 |
| <b>1141</b> | 523   | 1989 | Graduation | Married  | 37155.0 | 1 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1142</b> | 4066  | 1978 | 2n Cycle   | Divorced | 21282.0 | 1 |
| <b>1143</b> | 8414  | 1962 | PhD        | Single   | 33419.0 | 0 |
| <b>1144</b> | 819   | 1945 | Graduation | Widow    | 63285.0 | 0 |
| <b>1145</b> | 4961  | 1974 | Master     | Together | 21255.0 | 1 |
| <b>1146</b> | 749   | 1981 | Graduation | Together | 42162.0 | 1 |
| <b>1147</b> | 5430  | 1956 | Graduation | Together | 54450.0 | 1 |
| <b>1148</b> | 7755  | 1954 | PhD        | Married  | 57744.0 | 0 |
| <b>1149</b> | 10525 | 1986 | Graduation | Single   | 26576.0 | 1 |
| <b>1150</b> | 1453  | 1943 | PhD        | Widow    | 57513.0 | 0 |
| <b>1151</b> | 8310  | 1964 | Graduation | Together | 68142.0 | 0 |
| <b>1152</b> | 10710 | 1979 | Graduation | Married  | 7500.0  | 0 |
| <b>1153</b> | 5031  | 1974 | Graduation | Together | 83145.0 | 0 |
| <b>1154</b> | 2613  | 1960 | Master     | Married  | 54197.0 | 0 |
| <b>1155</b> | 213   | 1963 | PhD        | Single   | 23091.0 | 1 |
| <b>1156</b> | 967   | 1976 | Graduation | Married  | 46049.0 | 1 |
| <b>1157</b> | 1077  | 1974 | Graduation | Together | 56715.0 | 0 |
| <b>1158</b> | 7959  | 1961 | Graduation | Married  | 79410.0 | 0 |
| <b>1159</b> | 640   | 1951 | Graduation | Married  | 57304.0 | 0 |
| <b>1160</b> | 4252  | 1965 | Graduation | Married  | 44375.0 | 0 |
| <b>1161</b> | 8432  | 1956 | Graduation | Together | 54450.0 | 1 |
| <b>1162</b> | 6218  | 1965 | Graduation | Married  | 59594.0 | 0 |
| <b>1163</b> | 6905  | 1994 | Graduation | Together | 80685.0 | 0 |
| <b>1164</b> | 5922  | 1974 | PhD        | Married  | 40344.0 | 0 |
| <b>1165</b> | 3598  | 1972 | Graduation | Married  | 62710.0 | 0 |
| <b>1166</b> | 6116  | 1968 | 2n Cycle   | Married  | 48985.0 | 0 |
| <b>1167</b> | 6263  | 1968 | Graduation | Together | 35322.0 | 1 |
| <b>1168</b> | 10486 | 1948 | Graduation | Married  | 77142.0 | 0 |
| <b>1169</b> | 2410  | 1969 | Graduation | Single   | 81657.0 | 0 |
| <b>1170</b> | 193   | 1996 | Basic      | Married  | 14421.0 | 0 |
| <b>1171</b> | 8278  | 1990 | 2n Cycle   | Married  | 20130.0 | 0 |
| <b>1172</b> | 8278  | 1990 | PhD        | Married  | 74214.0 | 0 |
| <b>1173</b> | 10660 | 1957 | Master     | Married  | 66726.0 | 1 |
| <b>1174</b> | 8888  | 1955 | Basic      | Married  | 22573.0 | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1174</b> | 8686  | 1979 | Basic      | together | 23724.0 | 1 |
| <b>1175</b> | 1604  | 1960 | Master     | Married  | 47353.0 | 0 |
| <b>1176</b> | 5907  | 1952 | Master     | Married  | 33444.0 | 1 |
| <b>1177</b> | 10669 | 1981 | Graduation | Married  | 54386.0 | 0 |
| <b>1178</b> | 2918  | 1981 | Graduation | Divorced | 28510.0 | 1 |
| <b>1179</b> | 5735  | 1991 | Master     | Single   | 90638.0 | 0 |
| <b>1180</b> | 359   | 1950 | Graduation | Together | 48070.0 | 0 |
| <b>1181</b> | 8387  | 1957 | Graduation | Married  | 43140.0 | 0 |
| <b>1182</b> | 1829  | 1961 | PhD        | Divorced | 54959.0 | 0 |
| <b>1183</b> | 3839  | 1958 | Basic      | Single   | 15056.0 | 1 |
| <b>1184</b> | 9392  | 1971 | Graduation | Single   | 26954.0 | 1 |
| <b>1185</b> | 2292  | 1985 | Graduation | Single   | 22327.0 | 1 |
| <b>1186</b> | 10466 | 1965 | Graduation | Married  | 44393.0 | 1 |
| <b>1187</b> | 9855  | 1952 | PhD        | Single   | 62000.0 | 0 |
| <b>1188</b> | 4088  | 1962 | PhD        | Together | 31497.0 | 0 |
| <b>1189</b> | 5231  | 1974 | 2n Cycle   | Married  | 45894.0 | 0 |
| <b>1190</b> | 590   | 1970 | Master     | Divorced | 78579.0 | 0 |
| <b>1191</b> | 8732  | 1969 | Master     | Widow    | 67369.0 | 0 |
| <b>1192</b> | 2315  | 1960 | Graduation | Divorced | 58401.0 | 0 |
| <b>1193</b> | 3515  | 1952 | Graduation | Single   | 62307.0 | 0 |
| <b>1194</b> | 2245  | 1969 | Master     | Married  | 43641.0 | 1 |
| <b>1195</b> | 6283  | 1968 | Master     | Divorced | 63841.0 | 0 |
| <b>1196</b> | 2246  | 1965 | 2n Cycle   | Married  | 46891.0 | 0 |
| <b>1197</b> | 6606  | 1969 | Master     | Married  | 70091.0 | 1 |
| <b>1198</b> | 5545  | 1972 | PhD        | Married  | 78075.0 | 0 |
| <b>1199</b> | 7342  | 1961 | 2n Cycle   | Widow    | 59184.0 | 0 |
| <b>1200</b> | 837   | 1977 | Graduation | Married  | 54809.0 | 1 |
| <b>1201</b> | 9500  | 1959 | Graduation | Married  | 58113.0 | 0 |
| <b>1202</b> | 3602  | 1958 | Master     | Married  | 51412.0 | 0 |
|             |       |      | Graduation | Divorced | 15287.0 | 1 |
|             |       |      | Master     | Together | 66636.0 | 0 |
| <b>1205</b> | 1118  | 1956 | Master     | Married  | 50965.0 | 0 |
| <b>1206</b> | 7789  | 1965 | PhD        | Married  | 84618.0 | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1207</b> | 3068  | 1990 | Graduation | Married  | 18351.0 | 0 |
| <b>1208</b> | 8955  | 1957 | PhD        | Together | 40451.0 | 0 |
| <b>1209</b> | 945   | 1965 | Graduation | Together | 36317.0 | 0 |
| <b>1210</b> | 5644  | 1957 | Graduation | Together | 42213.0 | 0 |
| <b>1211</b> | 7192  | 1955 | Graduation | Together | 65748.0 | 0 |
| <b>1212</b> | 2324  | 1972 | Graduation | Together | 77044.0 | 0 |
| <b>1213</b> | 697   | 1969 | Graduation | Together | 74918.0 | 0 |
| <b>1214</b> | 3439  | 1972 | Graduation | Married  | 56721.0 | 1 |
| <b>1215</b> | 1506  | 1975 | Graduation | Single   | 42160.0 | 1 |
| <b>1216</b> | 232   | 1965 | Graduation | Single   | 61559.0 | 0 |
| <b>1217</b> | 8876  | 1963 | PhD        | Together | 33629.0 | 1 |
| <b>1218</b> | 4500  | 1991 | PhD        | Together | 68682.0 | 0 |
| <b>1219</b> | 9739  | 1963 | Graduation | Single   | 34377.0 | 0 |
| <b>1220</b> | 10395 | 1986 | Basic      | Single   | 8940.0  | 1 |
| <b>1221</b> | 1176  | 1973 | Graduation | Married  | 26228.0 | 1 |
| <b>1222</b> | 1627  | 1957 | 2n Cycle   | Divorced | 77297.0 | 0 |
| <b>1223</b> | 938   | 1981 | Graduation | Married  | 40211.0 | 1 |
| <b>1224</b> | 2740  | 1958 | PhD        | Widow    | 33438.0 | 1 |
| <b>1225</b> | 257   | 1959 | PhD        | Married  | 75032.0 | 0 |
| <b>1226</b> | 4058  | 1955 | PhD        | Single   | 61284.0 | 0 |
| <b>1227</b> | 7736  | 1986 | Graduation | Married  | 22518.0 | 1 |
| <b>1228</b> | 8210  | 1975 | Master     | Married  | 54730.0 | 0 |
| <b>1229</b> | 833   | 1955 | Master     | Married  | 38452.0 | 1 |
| <b>1230</b> | 6230  | 1971 | Graduation | Divorced | 44421.0 | 1 |
| <b>1231</b> | 7325  | 1986 | PhD        | Together | 38197.0 | 1 |
| <b>1232</b> | 1307  | 1978 | Graduation | Divorced | 41986.0 | 0 |
| <b>1233</b> | 1502  | 1983 | Graduation | Together | 28427.0 | 1 |
| <b>1234</b> | 6211  | 1976 | PhD        | Together | 37395.0 | 1 |
| <b>1235</b> | 843   | 1971 | Graduation | Married  | 64722.0 | 1 |
|             |       |      | Master     | Together | 55249.0 | 0 |
|             |       |      | Graduation | Together | 84906.0 | 0 |
| <b>1238</b> | 6918  | 1989 | Graduation | Married  | 28691.0 | 1 |
| <b>1239</b> | 286   | 1952 | Graduation | Single   | 44213.0 | 1 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1240</b> | 11086 | 1984 | Basic      | Single   | 25707.0 | 1 |
| <b>1241</b> | 1921  | 1967 | PhD        | Married  | 59062.0 | 2 |
| <b>1242</b> | 4138  | 1962 | Graduation | Single   | 76624.0 | 0 |
| <b>1243</b> | 7718  | 1947 | Master     | Together | 66000.0 | 0 |
| <b>1244</b> | 1291  | 1978 | PhD        | Together | 27683.0 | 1 |
| <b>1245</b> | 6862  | 1971 | Graduation | Divorced | 1730.0  | 0 |
| <b>1246</b> | 4136  | 1992 | Basic      | Single   | 7500.0  | 1 |
| <b>1247</b> | 803   | 1968 | Graduation | Together | 40521.0 | 1 |
| <b>1248</b> | 4298  | 1973 | PhD        | Together | 20427.0 | 1 |
| <b>1249</b> | 10833 | 1975 | Graduation | Married  | 65106.0 | 0 |
| <b>1250</b> | 9606  | 1965 | PhD        | Married  | 69969.0 | 0 |
| <b>1251</b> | 8534  | 1952 | Graduation | Married  | 67433.0 | 0 |
| <b>1252</b> | 5153  | 1967 | PhD        | Married  | 77766.0 | 0 |
| <b>1253</b> | 961   | 1972 | Graduation | Married  | 74716.0 | 0 |
| <b>1254</b> | 5011  | 1963 | Graduation | Divorced | 68118.0 | 0 |
| <b>1255</b> | 6653  | 1970 | PhD        | Married  | 55158.0 | 1 |
| <b>1256</b> | 9094  | 1955 | 2n Cycle   | Married  | 62972.0 | 0 |
| <b>1257</b> | 810   | 1975 | Graduation | Married  | 74190.0 | 0 |
| <b>1258</b> | 5493  | 1976 | Graduation | Married  | 39356.0 | 1 |
| <b>1259</b> | 2147  | 1969 | Graduation | Together | 76653.0 | 0 |
| <b>1260</b> | 5107  | 1973 | PhD        | Divorced | 35860.0 | 1 |
| <b>1261</b> | 3979  | 1983 | PhD        | Divorced | 90687.0 | 0 |
| <b>1262</b> | 6049  | 1982 | Master     | Together | 73450.0 | 0 |
| <b>1263</b> | 8147  | 1960 | Graduation | Married  | 31454.0 | 1 |
| <b>1264</b> | 1857  | 1952 | Graduation | Single   | 47139.0 | 1 |
| <b>1265</b> | 3910  | 1975 | Graduation | Divorced | 83829.0 | 0 |
| <b>1266</b> | 5207  | 1963 | PhD        | Married  | 53378.0 | 1 |
| <b>1267</b> | 11114 | 1970 | Graduation | Together | 19656.0 | 1 |
| <b>1268</b> | 5429  | 1948 | PhD        | Married  | 45579.0 | 0 |
|             |       |      | 2n Cycle   | Single   | 85485.0 | 0 |
| <b>1270</b> | 1740  | 1944 | Graduation | Married  | 55956.0 | 0 |
| <b>1271</b> | 7488  | 1963 | Master     | Single   | 64191.0 | 0 |
| <b>1272</b> | 195   | 1972 | Graduation | Single   | 38808.0 | 1 |

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|             |       |      |            |          |          |   |
|-------------|-------|------|------------|----------|----------|---|
| <b>1272</b> | 199   | 1972 | Graduation | Single   | 58888.0  | 1 |
| <b>1273</b> | 635   | 1966 | Master     | Married  | 57183.0  | 1 |
| <b>1274</b> | 7527  | 1968 | Master     | Divorced | 23748.0  | 1 |
| <b>1275</b> | 10319 | 1971 | Graduation | Married  | 66303.0  | 0 |
| <b>1276</b> | 2296  | 1975 | Master     | Married  | 37368.0  | 1 |
| <b>1277</b> | 10637 | 1964 | Graduation | Married  | 40800.0  | 1 |
| <b>1278</b> | 2931  | 1978 | Graduation | Divorced | 71847.0  | 0 |
| <b>1279</b> | 907   | 1975 | Graduation | Married  | 46149.0  | 0 |
| <b>1280</b> | 3698  | 1983 | Graduation | Together | 78687.0  | 0 |
| <b>1281</b> | 9516  | 1971 | 2n Cycle   | Divorced | 49118.0  | 0 |
| <b>1282</b> | 679   | 1957 | PhD        | Married  | 37633.0  | 1 |
| <b>1283</b> | 7384  | 1951 | Master     | Together | 39767.0  | 0 |
| <b>1284</b> | 5043  | 1951 | Basic      | Married  | 26997.0  | 0 |
| <b>1285</b> | 5267  | 1970 | Graduation | Divorced | 33986.0  | 1 |
| <b>1286</b> | 339   | 1972 | PhD        | Married  | 57091.0  | 0 |
| <b>1287</b> | 2516  | 1969 | 2n Cycle   | Married  | 46831.0  | 1 |
| <b>1288</b> | 9010  | 1972 | Master     | Married  | 83151.0  | 0 |
| <b>1289</b> | 378   | 1971 | Graduation | Married  | 52531.0  | 0 |
| <b>1290</b> | 4808  | 1956 | Graduation | Married  | 15759.0  | 0 |
| <b>1291</b> | 5068  | 1971 | Graduation | Single   | 22804.0  | 1 |
| <b>1292</b> | 7628  | 1973 | 2n Cycle   | Married  | 43050.0  | 1 |
| <b>1293</b> | 7128  | 1977 | PhD        | Single   | 42997.0  | 1 |
| <b>1294</b> | 2811  | 1963 | PhD        | Single   | 48918.0  | 1 |
| <b>1295</b> | 3551  | 1954 | Master     | Together | 60033.0  | 0 |
| <b>1296</b> | 1663  | 1978 | PhD        | Together | 34043.0  | 1 |
| <b>1297</b> | 5543  | 1966 | Graduation | Together | 57811.0  | 0 |
| <b>1298</b> | 1577  | 1946 | Graduation | Married  | 78569.0  | 0 |
| <b>1299</b> | 10641 | 1978 | Graduation | Single   | 7500.0   | 1 |
| <b>1300</b> | 5336  | 1971 | Master     | Together | 157733.0 | 1 |
| <b>1301</b> | 6024  | 1953 | Graduation | Together | 94384.0  | 0 |
| <b>1302</b> | 6024  | 1953 | 2n Cycle   | Married  | 23148.0  | 0 |
| <b>1303</b> | 3099  | 1970 | Graduation | Divorced | 44267.0  | 1 |
| <b>1304</b> | 6055  | 1979 | Graduation | Married  | 71626.0  | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1305</b> | 5841  | 1966 | Graduation | Together | 60894.0 | 0 |
| <b>1306</b> | 3972  | 1976 | Graduation | Together | 50200.0 | 1 |
| <b>1307</b> | 4394  | 1965 | PhD        | Married  | 81051.0 | 0 |
| <b>1308</b> | 5758  | 1982 | Graduation | Married  | 65169.0 | 0 |
| <b>1309</b> | 6658  | 1972 | Graduation | Together | 59868.0 | 0 |
| <b>1310</b> | 4603  | 1960 | PhD        | Married  | 65695.0 | 0 |
| <b>1311</b> | 8427  | 1956 | Master     | Single   | 64857.0 | 0 |
| <b>1312</b> | 10260 | 1965 | Master     | Together | 45143.0 | 0 |
| <b>1313</b> | 7143  | 1955 | 2n Cycle   | Together | 74805.0 | 0 |
| <b>1314</b> | 8789  | 1989 | 2n Cycle   | Married  | 59060.0 | 1 |
| <b>1315</b> | 6197  | 1962 | PhD        | Single   | 27238.0 | 1 |
| <b>1316</b> | 4554  | 1965 | Graduation | Together | 47009.0 | 0 |
| <b>1317</b> | 4937  | 1973 | 2n Cycle   | Married  | 46094.0 | 1 |
| <b>1318</b> | 1920  | 1972 | Graduation | Married  | 40321.0 | 1 |
| <b>1319</b> | 8749  | 1984 | Graduation | Together | 37235.0 | 1 |
| <b>1320</b> | 1650  | 1960 | Master     | Married  | 81843.0 | 0 |
| <b>1321</b> | 10377 | 1958 | Master     | Together | 46692.0 | 0 |
| <b>1322</b> | 9206  | 1968 | Graduation | Together | 77382.0 | 0 |
| <b>1323</b> | 10971 | 1977 | Graduation | Single   | 37774.0 | 2 |
| <b>1324</b> | 6398  | 1974 | Basic      | Married  | 18393.0 | 1 |
| <b>1325</b> | 9212  | 1962 | Master     | Married  | 72828.0 | 0 |
| <b>1326</b> | 7937  | 1982 | Graduation | Married  | 24711.0 | 0 |
| <b>1327</b> | 839   | 1975 | PhD        | Married  | 45503.0 | 1 |
| <b>1328</b> | 4246  | 1982 | Master     | Single   | 6560.0  | 0 |
| <b>1329</b> | 158   | 1945 | PhD        | Together | 71604.0 | 0 |
| <b>1330</b> | 4832  | 1979 | Graduation | Married  | 27244.0 | 1 |
| <b>1331</b> | 5621  | 1969 | Graduation | Married  | 48752.0 | 1 |
| <b>1332</b> | 1945  | 1962 | Graduation | Married  | 71434.0 | 0 |
| <b>1333</b> | 5147  | 1948 | Graduation | Single   | 90842.0 | 0 |
|             |       |      | Master     | Married  | 88097.0 | 1 |
|             |       |      | Graduation | Married  | 51948.0 | 0 |
| <b>1336</b> | 9495  | 1982 | Graduation | Together | 71853.0 | 0 |
| <b>1337</b> | 9635  | 1983 | Master     | Married  | 35876.0 | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1338</b> | 2173  | 1952 | Graduation | Widow    | 40049.0 | 0 |
| <b>1339</b> | 942   | 1982 | Graduation | Single   | 39660.0 | 1 |
| <b>1340</b> | 9386  | 1962 | Graduation | Together | 50127.0 | 0 |
| <b>1341</b> | 5510  | 1977 | Master     | Married  | 43263.0 | 0 |
| <b>1342</b> | 873   | 1949 | Master     | Married  | 62845.0 | 1 |
| <b>1343</b> | 2253  | 1990 | Graduation | Married  | 18929.0 | 0 |
| <b>1344</b> | 5181  | 1982 | Basic      | Single   | 24367.0 | 1 |
| <b>1345</b> | 979   | 1975 | Graduation | Single   | 33249.0 | 1 |
| <b>1346</b> | 10390 | 1959 | 2n Cycle   | Married  | 26887.0 | 0 |
| <b>1347</b> | 4698  | 1983 | PhD        | Married  | 50150.0 | 0 |
| <b>1348</b> | 7793  | 1976 | Graduation | Together | 62061.0 | 0 |
| <b>1349</b> | 1745  | 1962 | PhD        | Divorced | 85696.0 | 0 |
| <b>1350</b> | 10590 | 1956 | PhD        | Together | 76542.0 | 0 |
| <b>1351</b> | 5080  | 1993 | Graduation | Single   | 70515.0 | 0 |
| <b>1352</b> | 8369  | 1987 | Graduation | Together | 18227.0 | 1 |
| <b>1353</b> | 5232  | 1965 | Graduation | Married  | 69139.0 | 0 |
| <b>1354</b> | 2407  | 1982 | Graduation | Married  | 69109.0 | 0 |
| <b>1355</b> | 3834  | 1962 | Graduation | Single   | 69627.0 | 0 |
| <b>1356</b> | 7912  | 1978 | Graduation | Married  | 38136.0 | 1 |
| <b>1357</b> | 7712  | 1946 | PhD        | Single   | 62159.0 | 0 |
| <b>1358</b> | 1065  | 1963 | Graduation | Single   | 80695.0 | 0 |
| <b>1359</b> | 7275  | 1971 | Master     | Single   | 33316.0 | 1 |
| <b>1360</b> | 1343  | 1968 | Graduation | Together | 58554.0 | 1 |
| <b>1361</b> | 1384  | 1992 | Basic      | Married  | 17256.0 | 1 |
| <b>1362</b> | 9967  | 1974 | Graduation | Divorced | 53034.0 | 1 |
| <b>1363</b> | 6181  | 1950 | 2n Cycle   | Together | 52203.0 | 0 |
| <b>1364</b> | 10507 | 1977 | 2n Cycle   | Divorced | 59601.0 | 0 |
| <b>1365</b> | 2674  | 1958 | Master     | Single   | 75154.0 | 0 |
| <b>1366</b> | 2698  | 1976 | Graduation | Single   | 47025.0 | 0 |
| <b>1367</b> | 4090  | 1988 | Graduation | Married  | 37971.0 | 1 |
| <b>1368</b> | 4090  | 1988 | Master     | Divorced | 41335.0 | 1 |
| <b>1369</b> | 10476 | 1958 | Graduation | Married  | 67267.0 | 0 |
| <b>1370</b> | 5948  | 1975 | Graduation | Single   | 57338.0 | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1371</b> | 9140  | 1960 | 2n Cycle   | Together | 50523.0 | 1 |
| <b>1372</b> | 10258 | 1965 | Master     | Single   | 35791.0 | 2 |
| <b>1373</b> | 5675  | 1960 | PhD        | Divorced | 50611.0 | 0 |
| <b>1374</b> | 4743  | 1969 | PhD        | Married  | 56242.0 | 0 |
| <b>1375</b> | 8805  | 1960 | Graduation | Single   | 48904.0 | 0 |
| <b>1376</b> | 1542  | 1975 | Graduation | Single   | 56243.0 | 1 |
| <b>1377</b> | 6770  | 1985 | Graduation | Married  | 21355.0 | 1 |
| <b>1378</b> | 8773  | 1971 | Master     | Together | 57420.0 | 0 |
| <b>1379</b> | 10475 | 1970 | Master     | Together | NaN     | 0 |
| <b>1380</b> | 10420 | 1955 | Master     | Divorced | 46390.0 | 0 |
| <b>1381</b> | 7514  | 1956 | 2n Cycle   | Together | 54342.0 | 1 |
| <b>1382</b> | 2902  | 1958 | Graduation | Together | NaN     | 1 |
| <b>1383</b> | 4345  | 1964 | 2n Cycle   | Single   | NaN     | 1 |
| <b>1384</b> | 793   | 1973 | Graduation | Married  | 20895.0 | 1 |
| <b>1385</b> | 10909 | 1948 | Graduation | Married  | 92344.0 | 0 |
| <b>1386</b> | 3769  | 1972 | PhD        | Together | NaN     | 1 |
| <b>1387</b> | 8702  | 1976 | 2n Cycle   | Together | 26907.0 | 1 |
| <b>1388</b> | 4791  | 1980 | Graduation | Together | 44964.0 | 1 |
| <b>1389</b> | 2963  | 1979 | Graduation | Together | 75507.0 | 0 |
| <b>1390</b> | 8216  | 1972 | Master     | Married  | 53761.0 | 1 |
| <b>1391</b> | 8140  | 1973 | Graduation | Together | 22682.0 | 1 |
| <b>1392</b> | 10146 | 1972 | PhD        | Together | 38887.0 | 1 |
| <b>1393</b> | 5289  | 1975 | 2n Cycle   | Single   | 41658.0 | 1 |
| <b>1394</b> | 2587  | 1972 | PhD        | Married  | 29791.0 | 1 |
| <b>1395</b> | 4405  | 1956 | Master     | Married  | 63915.0 | 0 |
| <b>1396</b> | 8663  | 1974 | Graduation | Divorced | 39996.0 | 1 |
| <b>1397</b> | 2589  | 1972 | Graduation | Divorced | 26759.0 | 1 |
| <b>1398</b> | 3421  | 1968 | Master     | Divorced | 63841.0 | 0 |
| <b>1399</b> | 10490 | 1969 | PhD        | Married  | 51039.0 | 1 |
| <b>1400</b> | 4188  | 1957 | Graduation | Married  | 60544.0 | 1 |
| <b>1401</b> | 9958  | 1972 | Graduation | Married  | 65685.0 | 0 |
| <b>1402</b> | 2534  | 1953 | Graduation | Married  | 37716.0 | 0 |
| <b>1403</b> | 4188  | 1957 | Graduation | Single   | 26864.0 | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1403</b> | 4188  | 1957 | Graduation | Single   | 36804.0 | 0 |
| <b>1404</b> | 6613  | 1970 | Master     | Married  | 44511.0 | 1 |
| <b>1405</b> | 10827 | 1967 | PhD        | Married  | 36947.0 | 1 |
| <b>1406</b> | 5491  | 1951 | Master     | Together | 47352.0 | 0 |
| <b>1407</b> | 8402  | 1953 | Master     | Married  | 67087.0 | 0 |
| <b>1408</b> | 8783  | 1950 | Graduation | Married  | 57045.0 | 0 |
| <b>1409</b> | 10010 | 1953 | PhD        | Divorced | 36957.0 | 1 |
| <b>1410</b> | 618   | 1977 | PhD        | Married  | 69389.0 | 0 |
| <b>1411</b> | 9121  | 1972 | Graduation | Married  | 80134.0 | 1 |
| <b>1412</b> | 361   | 1969 | Master     | Married  | 43142.0 | 1 |
| <b>1413</b> | 4310  | 1944 | Graduation | Married  | 80589.0 | 0 |
| <b>1414</b> | 2678  | 1990 | Graduation | Single   | 34412.0 | 1 |
| <b>1415</b> | 6376  | 1979 | Graduation | Single   | 57537.0 | 1 |
| <b>1416</b> | 524   | 1966 | Basic      | Together | 22634.0 | 0 |
| <b>1417</b> | 10341 | 1948 | Graduation | Together | 51315.0 | 0 |
| <b>1418</b> | 5654  | 1972 | Graduation | Married  | 36026.0 | 2 |
| <b>1419</b> | 4098  | 1973 | Graduation | Married  | 24639.0 | 1 |
| <b>1420</b> | 5824  | 1972 | PhD        | Together | 34578.0 | 2 |
| <b>1421</b> | 7000  | 1972 | 2n Cycle   | Single   | 65704.0 | 0 |
| <b>1422</b> | 2561  | 1966 | Graduation | Single   | 63810.0 | 0 |
| <b>1423</b> | 5229  | 1969 | PhD        | Together | 54132.0 | 0 |
| <b>1424</b> | 4086  | 1959 | Graduation | Married  | 18690.0 | 0 |
| <b>1425</b> | 2428  | 1970 | Graduation | Married  | 28164.0 | 1 |
| <b>1426</b> | 8254  | 1974 | PhD        | Married  | 34596.0 | 1 |
| <b>1427</b> | 2836  | 1972 | PhD        | Married  | 43269.0 | 1 |
| <b>1428</b> | 8418  | 1958 | 2n Cycle   | Single   | 38741.0 | 1 |
| <b>1429</b> | 1362  | 1972 | Graduation | Single   | 31907.0 | 0 |
| <b>1430</b> | 7152  | 1983 | Master     | Married  | 27100.0 | 1 |
| <b>1431</b> | 10033 | 1973 | 2n Cycle   | Divorced | 31163.0 | 1 |
| <b>1432</b> | 8348  | 1985 | Graduation | Married  | 92533.0 | 0 |
| <b>1433</b> | 8348  | 1985 | Graduation | Single   | 34853.0 | 1 |
| <b>1434</b> | 3388  | 1967 | Graduation | Divorced | 70844.0 | 1 |
| <b>1435</b> | 922   | 1979 | 2n Cycle   | Married  | 31086.0 | 1 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1436</b> | 8588  | 1961 | Graduation | Married  | 60544.0 | 1 |
| <b>1437</b> | 2518  | 1986 | 2n Cycle   | Together | 20491.0 | 0 |
| <b>1438</b> | 574   | 1964 | Graduation | Married  | 42523.0 | 0 |
| <b>1439</b> | 3220  | 1983 | Graduation | Married  | 39922.0 | 1 |
| <b>1440</b> | 5967  | 1952 | Graduation | Together | 33402.0 | 1 |
| <b>1441</b> | 1183  | 1949 | Master     | Married  | 36408.0 | 1 |
| <b>1442</b> | 6856  | 1979 | Graduation | Together | 21645.0 | 1 |
| <b>1443</b> | 4530  | 1948 | Master     | Widow    | 78427.0 | 0 |
| <b>1444</b> | 1553  | 1946 | Graduation | Together | 82657.0 | 0 |
| <b>1445</b> | 4682  | 1958 | Graduation | Married  | 51876.0 | 0 |
| <b>1446</b> | 8204  | 1971 | 2n Cycle   | Married  | 78041.0 | 0 |
| <b>1447</b> | 5221  | 1957 | Graduation | Married  | 52852.0 | 0 |
| <b>1448</b> | 1232  | 1982 | PhD        | Together | 70038.0 | 0 |
| <b>1449</b> | 1927  | 1973 | 2n Cycle   | Together | 69401.0 | 0 |
| <b>1450</b> | 5788  | 1972 | Graduation | Together | 46053.0 | 1 |
| <b>1451</b> | 6652  | 1965 | Graduation | Married  | 77343.0 | 0 |
| <b>1452</b> | 6246  | 1953 | Graduation | Single   | 73892.0 | 0 |
| <b>1453</b> | 5975  | 1967 | PhD        | Single   | 40304.0 | 1 |
| <b>1454</b> | 6875  | 1965 | PhD        | Together | 32727.0 | 0 |
| <b>1455</b> | 4399  | 1969 | Graduation | Together | 68695.0 | 0 |
| <b>1456</b> | 4042  | 1971 | Graduation | Divorced | 43300.0 | 0 |
| <b>1457</b> | 2157  | 1972 | Graduation | Together | 26290.0 | 1 |
| <b>1458</b> | 10133 | 1970 | Graduation | Single   | 93790.0 | 0 |
| <b>1459</b> | 2525  | 1974 | PhD        | Married  | 38410.0 | 0 |
| <b>1460</b> | 8233  | 1950 | Master     | Widow    | 64866.0 | 0 |
| <b>1461</b> | 9483  | 1959 | Graduation | Together | 57957.0 | 0 |
| <b>1462</b> | 2945  | 1955 | PhD        | Together | 46015.0 | 1 |
| <b>1463</b> | 10403 | 1978 | Graduation | Together | 16531.0 | 1 |
| <b>1464</b> | 5074  | 1986 | Master     | Married  | 28072.0 | 1 |
|             |       |      | Master     | Divorced | 49476.0 | 0 |
|             |       |      | Graduation | Married  | 50725.0 | 0 |
| <b>1467</b> | 7521  | 1952 | Graduation | Together | 83844.0 | 0 |
| <b>1468</b> | 7196  | 1950 | PhD        | Married  | 41145.0 | 1 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1469</b> | 4406  | 1970 | Graduation | Together | 67419.0 | 0 |
| <b>1470</b> | 9672  | 1970 | 2n Cycle   | Married  | 23162.0 | 1 |
| <b>1471</b> | 4864  | 1977 | Graduation | Married  | 34380.0 | 1 |
| <b>1472</b> | 4706  | 1966 | Graduation | Single   | 34704.0 | 0 |
| <b>1473</b> | 4070  | 1969 | PhD        | Married  | 94871.0 | 0 |
| <b>1474</b> | 25    | 1958 | Graduation | Married  | 65148.0 | 0 |
| <b>1475</b> | 3697  | 1954 | Graduation | Together | 39898.0 | 0 |
| <b>1476</b> | 217   | 1956 | Master     | Single   | 64857.0 | 0 |
| <b>1477</b> | 4220  | 1970 | PhD        | Married  | 59892.0 | 0 |
| <b>1478</b> | 5286  | 1987 | Master     | Single   | 41020.0 | 0 |
| <b>1479</b> | 9559  | 1961 | PhD        | Married  | 57072.0 | 0 |
| <b>1480</b> | 2849  | 1979 | Graduation | Single   | 60474.0 | 0 |
| <b>1481</b> | 7787  | 1960 | Graduation | Together | 62807.0 | 0 |
| <b>1482</b> | 3102  | 1981 | 2n Cycle   | Together | 19414.0 | 1 |
| <b>1483</b> | 5868  | 1980 | Graduation | Married  | 19107.0 | 1 |
| <b>1484</b> | 8370  | 1976 | 2n Cycle   | Together | 75484.0 | 0 |
| <b>1485</b> | 9988  | 1976 | Master     | Single   | 70379.0 | 0 |
| <b>1486</b> | 2939  | 1970 | Master     | Together | 79419.0 | 0 |
| <b>1487</b> | 5529  | 1946 | PhD        | Together | 64014.0 | 2 |
| <b>1488</b> | 9743  | 1955 | Graduation | Married  | 76998.0 | 0 |
| <b>1489</b> | 5763  | 1972 | Master     | Together | 49854.0 | 1 |
| <b>1490</b> | 3478  | 1971 | PhD        | Married  | 60585.0 | 1 |
| <b>1491</b> | 7494  | 1950 | PhD        | Divorced | 42873.0 | 1 |
| <b>1492</b> | 1763  | 1988 | Graduation | Together | 87679.0 | 0 |
| <b>1493</b> | 7250  | 1978 | Graduation | Together | 57867.0 | 1 |
| <b>1494</b> | 2005  | 1990 | Graduation | Married  | 35765.0 | 1 |
| <b>1495</b> | 10770 | 1959 | Graduation | Married  | 65492.0 | 0 |
| <b>1496</b> | 6885  | 1977 | Graduation | Divorced | 32952.0 | 1 |
| <b>1497</b> | 2072  | 1969 | PhD        | Together | 53374.0 | 0 |
| <b>1498</b> | 6318  | 1988 | Graduation | Together | 71706.0 | 0 |
| <b>1499</b> | 6318  | 1988 | Graduation | Married  | 68487.0 | 0 |
| <b>1500</b> | 4093  | 1975 | Master     | Together | 53253.0 | 1 |
| <b>1501</b> | 5751  | 1973 | 2n Cycle   | Divorced | 31163.0 | 1 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1502</b> | 3340  | 1977 | Graduation | Married  | 42014.0 | 1 |
| <b>1503</b> | 3594  | 1973 | Master     | Married  | 54108.0 | 1 |
| <b>1504</b> | 3584  | 1955 | PhD        | Single   | 49667.0 | 0 |
| <b>1505</b> | 3643  | 1974 | Master     | Married  | 63206.0 | 0 |
| <b>1506</b> | 851   | 1972 | Master     | Married  | 57136.0 | 1 |
| <b>1507</b> | 7706  | 1975 | 2n Cycle   | Together | 46772.0 | 0 |
| <b>1508</b> | 3967  | 1971 | PhD        | Married  | 78931.0 | 0 |
| <b>1509</b> | 10128 | 1958 | Graduation | Together | 53977.0 | 0 |
| <b>1510</b> | 486   | 1988 | Graduation | Married  | 84219.0 | 0 |
| <b>1511</b> | 9     | 1975 | Master     | Single   | 46098.0 | 1 |
| <b>1512</b> | 9451  | 1965 | Graduation | Married  | 73538.0 | 0 |
| <b>1513</b> | 9264  | 1986 | Graduation | Married  | 79529.0 | 0 |
| <b>1514</b> | 3865  | 1977 | 2n Cycle   | Together | 20981.0 | 0 |
| <b>1515</b> | 2853  | 1980 | Graduation | Single   | 51766.0 | 1 |
| <b>1516</b> | 1490  | 1962 | Graduation | Married  | 55759.0 | 0 |
| <b>1517</b> | 6310  | 1978 | Graduation | Married  | 33039.0 | 1 |
| <b>1518</b> | 10380 | 1972 | Master     | Married  | 37787.0 | 1 |
| <b>1519</b> | 3887  | 1970 | Graduation | Single   | 27242.0 | 1 |
| <b>1520</b> | 4278  | 1983 | PhD        | Single   | 87188.0 | 0 |
| <b>1521</b> | 8643  | 1971 | Graduation | Together | 69930.0 | 0 |
| <b>1522</b> | 1998  | 1976 | Graduation | Single   | 37697.0 | 1 |
| <b>1523</b> | 10795 | 1973 | PhD        | Married  | 37401.0 | 1 |
| <b>1524</b> | 11110 | 1973 | Graduation | Single   | 3502.0  | 1 |
| <b>1525</b> | 2408  | 1976 | Graduation | Married  | 58597.0 | 1 |
| <b>1526</b> | 202   | 1948 | PhD        | Widow    | 82032.0 | 0 |
| <b>1527</b> | 7998  | 1958 | Graduation | Together | 28087.0 | 1 |
| <b>1528</b> | 830   | 1987 | PhD        | Single   | 74004.0 | 0 |
| <b>1529</b> | 3536  | 1960 | Graduation | Together | 19740.0 | 0 |
| <b>1530</b> | 6050  | 1975 | 2n Cycle   | Married  | 57036.0 | 0 |
|             |       |      | 2n Cycle   | Together | 53083.0 | 1 |
| <b>1532</b> | 3463  | 1975 | PhD        | Married  | 69283.0 | 0 |
| <b>1533</b> | 2804  | 1975 | Master     | Single   | 46098.0 | 1 |
| <b>1534</b> | 3745  | 1988 | 2n Cycle   | Married  | 33331.0 | 1 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1534</b> | 3745  | 1988 | 2n Cycle   | Married  | 23331.0 | 1 |
| <b>1535</b> | 9771  | 1988 | 2n Cycle   | Single   | 23331.0 | 1 |
| <b>1536</b> | 451   | 1989 | Graduation | Single   | 9255.0  | 1 |
| <b>1537</b> | 10530 | 1959 | PhD        | Widow    | 67786.0 | 0 |
| <b>1538</b> | 1079  | 1971 | PhD        | Married  | 71969.0 | 0 |
| <b>1539</b> | 8920  | 1967 | Master     | Single   | 59235.0 | 1 |
| <b>1540</b> | 6678  | 1989 | Graduation | Together | 31928.0 | 1 |
| <b>1541</b> | 3852  | 1961 | Master     | Together | 74881.0 | 1 |
| <b>1542</b> | 528   | 1978 | Graduation | Married  | 65819.0 | 0 |
| <b>1543</b> | 73    | 1953 | PhD        | Single   | 51411.0 | 1 |
| <b>1544</b> | 5589  | 1964 | Graduation | Divorced | 51983.0 | 0 |
| <b>1545</b> | 10212 | 1986 | Master     | Together | 42386.0 | 1 |
| <b>1546</b> | 6365  | 1987 | 2n Cycle   | Married  | 30390.0 | 0 |
| <b>1547</b> | 5636  | 1963 | Graduation | Single   | 30983.0 | 0 |
| <b>1548</b> | 591   | 1957 | Graduation | Widow    | 66033.0 | 0 |
| <b>1549</b> | 2217  | 1975 | 2n Cycle   | Married  | 37284.0 | 1 |
| <b>1550</b> | 2544  | 1951 | Master     | Divorced | 57530.0 | 0 |
| <b>1551</b> | 7725  | 1965 | 2n Cycle   | Married  | 76800.0 | 0 |
| <b>1552</b> | 8091  | 1956 | Graduation | Married  | 63943.0 | 0 |
| <b>1553</b> | 7321  | 1962 | Graduation | Together | 76081.0 | 0 |
| <b>1554</b> | 5462  | 1974 | Graduation | Married  | 67445.0 | 0 |
| <b>1555</b> | 7791  | 1967 | Master     | Married  | 37054.0 | 1 |
| <b>1556</b> | 955   | 1962 | Master     | Together | 47175.0 | 1 |
| <b>1557</b> | 4037  | 1976 | Graduation | Divorced | 31859.0 | 1 |
| <b>1558</b> | 6642  | 1961 | Graduation | Divorced | 27215.0 | 2 |
| <b>1559</b> | 2793  | 1976 | PhD        | Divorced | 70179.0 | 0 |
| <b>1560</b> | 5424  | 1983 | Graduation | Married  | 39922.0 | 1 |
| <b>1561</b> | 879   | 1976 | Master     | Married  | 49681.0 | 0 |
| <b>1562</b> | 9530  | 1988 | Graduation | Married  | 24645.0 | 1 |
|             |       |      | Graduation | Divorced | 79865.0 | 0 |
|             |       |      | Graduation | Married  | 44322.0 | 1 |
| <b>1565</b> | 1497  | 1952 | Graduation | Single   | 47958.0 | 0 |
| <b>1566</b> | 7476  | 1964 | Master     | Single   | 63972.0 | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1567</b> | 4390  | 1954 | Graduation | Together | 75315.0 | 0 |
| <b>1568</b> | 10478 | 1950 | PhD        | Married  | 55517.0 | 1 |
| <b>1569</b> | 1081  | 1957 | PhD        | Married  | 75283.0 | 1 |
| <b>1570</b> | 4261  | 1946 | PhD        | Single   | 82800.0 | 0 |
| <b>1571</b> | 9916  | 1954 | Graduation | Married  | 38998.0 | 1 |
| <b>1572</b> | 5350  | 1991 | Master     | Single   | 90638.0 | 0 |
| <b>1573</b> | 8135  | 1986 | Master     | Married  | 27161.0 | 1 |
| <b>1574</b> | 8685  | 1977 | Graduation | Married  | 42014.0 | 1 |
| <b>1575</b> | 4967  | 1960 | PhD        | Together | 38201.0 | 0 |
| <b>1576</b> | 2130  | 1982 | Graduation | Together | 45203.0 | 2 |
| <b>1577</b> | 9298  | 1947 | PhD        | Together | 81574.0 | 0 |
| <b>1578</b> | 8175  | 1992 | Graduation | Married  | 34935.0 | 0 |
| <b>1579</b> | 6257  | 1976 | Master     | Single   | 60482.0 | 0 |
| <b>1580</b> | 3790  | 1956 | Graduation | Together | 34633.0 | 2 |
| <b>1581</b> | 9952  | 1947 | Master     | Together | 78093.0 | 0 |
| <b>1582</b> | 3503  | 1950 | Graduation | Divorced | 82460.0 | 0 |
| <b>1583</b> | 5223  | 1966 | Master     | Together | 45903.0 | 0 |
| <b>1584</b> | 4608  | 1987 | Graduation | Divorced | 81361.0 | 0 |
| <b>1585</b> | 1626  | 1973 | PhD        | Divorced | 35860.0 | 1 |
| <b>1586</b> | 4764  | 1952 | Master     | Together | 40442.0 | 1 |
| <b>1587</b> | 2471  | 1965 | Graduation | Married  | 61482.0 | 0 |
| <b>1588</b> | 5892  | 1980 | Graduation | Married  | 34968.0 | 1 |
| <b>1589</b> | 2612  | 1987 | Graduation | Married  | 75794.0 | 0 |
| <b>1590</b> | 4971  | 1962 | PhD        | Together | 31497.0 | 0 |
| <b>1591</b> | 5185  | 1955 | Graduation | Married  | 74268.0 | 0 |
| <b>1592</b> | 10069 | 1988 | Basic      | Together | 13724.0 | 1 |
| <b>1593</b> | 2262  | 1965 | Master     | Together | 45143.0 | 0 |
| <b>1594</b> | 1131  | 1967 | PhD        | Single   | 52569.0 | 0 |
| <b>1595</b> | 1041  | 1973 | PhD        | Single   | 48432.0 | 0 |
|             |       |      | Master     | Together | 17144.0 | 1 |
|             |       |      | Graduation | Single   | 36108.0 | 1 |
| <b>1598</b> | 7022  | 1971 | Graduation | Married  | 76445.0 | 1 |
| <b>1599</b> | 7943  | 1975 | PhD        | Married  | 36663.0 | 1 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1600</b> | 5272  | 1965 | Master     | Married  | 53843.0 | 0 |
| <b>1601</b> | 5453  | 1956 | Master     | Married  | 90226.0 | 0 |
| <b>1602</b> | 2565  | 1955 | Master     | Divorced | 70638.0 | 0 |
| <b>1603</b> | 800   | 1960 | Graduation | Together | 44512.0 | 1 |
| <b>1604</b> | 11092 | 1961 | Graduation | Married  | 27116.0 | 1 |
| <b>1605</b> | 5062  | 1963 | PhD        | Married  | 54072.0 | 1 |
| <b>1606</b> | 8969  | 1977 | Graduation | Married  | 71855.0 | 0 |
| <b>1607</b> | 4656  | 1990 | 2n Cycle   | Single   | 51250.0 | 1 |
| <b>1608</b> | 4480  | 1973 | Master     | Married  | 60432.0 | 0 |
| <b>1609</b> | 9971  | 1964 | PhD        | Married  | 65526.0 | 0 |
| <b>1610</b> | 6729  | 1988 | Graduation | Single   | 68655.0 | 0 |
| <b>1611</b> | 1773  | 1978 | 2n Cycle   | Married  | 12393.0 | 0 |
| <b>1612</b> | 9242  | 1990 | Graduation | Single   | 64509.0 | 0 |
| <b>1613</b> | 1764  | 1975 | Graduation | Single   | 33955.0 | 1 |
| <b>1614</b> | 6215  | 1977 | Graduation | Married  | 31353.0 | 1 |
| <b>1615</b> | 10099 | 1984 | Graduation | Married  | 55434.0 | 1 |
| <b>1616</b> | 5423  | 1983 | Graduation | Together | 28359.0 | 1 |
| <b>1617</b> | 940   | 1987 | Graduation | Single   | 57100.0 | 1 |
| <b>1618</b> | 3011  | 1965 | Graduation | Married  | 69139.0 | 0 |
| <b>1619</b> | 3298  | 1956 | Master     | Married  | 52973.0 | 0 |
| <b>1620</b> | 8286  | 1965 | PhD        | Together | 51717.0 | 0 |
| <b>1621</b> | 9668  | 1971 | Graduation | Married  | 18793.0 | 1 |
| <b>1622</b> | 5120  | 1982 | 2n Cycle   | Together | 66664.0 | 0 |
| <b>1623</b> | 6097  | 1959 | Graduation | Single   | 50664.0 | 1 |
| <b>1624</b> | 7019  | 1963 | Graduation | Together | 54414.0 | 1 |
| <b>1625</b> | 7408  | 1952 | PhD        | Married  | 54549.0 | 0 |
| <b>1626</b> | 8041  | 1971 | PhD        | Widow    | 47111.0 | 0 |
| <b>1627</b> | 252   | 1963 | PhD        | Divorced | 41003.0 | 0 |
| <b>1628</b> | 9986  | 1982 | Graduation | Together | 19444.0 | 1 |
|             |       |      | 2n Cycle   | Together | 36301.0 | 1 |
| <b>1630</b> | 3859  | 1947 | PhD        | Together | 73059.0 | 0 |
| <b>1631</b> | 3570  | 1969 | PhD        | Together | 42731.0 | 1 |
| <b>1632</b> | 3783  | 1959 | PhD        | Married  | 52854.0 | 1 |

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| id          | age   | year | edu        | status   | income   | score |
|-------------|-------|------|------------|----------|----------|-------|
| <b>1633</b> | 10207 | 1978 | Graduation | Together | 22775.0  | 1     |
| <b>1634</b> | 10906 | 1948 | PhD        | Together | 46681.0  | 0     |
| <b>1635</b> | 3427  | 1955 | PhD        | Married  | 59821.0  | 0     |
| <b>1636</b> | 5209  | 1954 | Graduation | Divorced | 50002.0  | 0     |
| <b>1637</b> | 10711 | 1945 | Graduation | Married  | 69755.0  | 0     |
| <b>1638</b> | 10785 | 1969 | Graduation | Married  | 44078.0  | 1     |
| <b>1639</b> | 2814  | 1976 | Master     | Together | 30560.0  | 1     |
| <b>1640</b> | 6866  | 1969 | Master     | Together | 35924.0  | 1     |
| <b>1641</b> | 1665  | 1964 | PhD        | Divorced | 64140.0  | 0     |
| <b>1642</b> | 6575  | 1981 | Graduation | Together | 56386.0  | 1     |
| <b>1643</b> | 3829  | 1979 | Basic      | Together | 24594.0  | 1     |
| <b>1644</b> | 3091  | 1981 | 2n Cycle   | Together | 75774.0  | 1     |
| <b>1645</b> | 10141 | 1960 | Master     | Divorced | 39228.0  | 0     |
| <b>1646</b> | 5177  | 1974 | Master     | Married  | 58494.0  | 0     |
| <b>1647</b> | 7005  | 1981 | Graduation | Single   | 58684.0  | 0     |
| <b>1648</b> | 6409  | 1967 | Graduation | Divorced | 57136.0  | 0     |
| <b>1649</b> | 7485  | 1950 | PhD        | Widow    | 56551.0  | 1     |
| <b>1650</b> | 8079  | 1982 | Graduation | Married  | 22448.0  | 1     |
| <b>1651</b> | 8395  | 1961 | Graduation | Single   | 82014.0  | 0     |
| <b>1652</b> | 10352 | 1963 | Graduation | Widow    | 34213.0  | 1     |
| <b>1653</b> | 4931  | 1977 | Graduation | Together | 157146.0 | 0     |
| <b>1654</b> | 13    | 1947 | PhD        | Widow    | 25358.0  | 0     |
| <b>1655</b> | 1834  | 1978 | Master     | Single   | 35544.0  | 1     |
| <b>1656</b> | 2285  | 1954 | Master     | Together | 36634.0  | 0     |
| <b>1657</b> | 2295  | 1954 | PhD        | Married  | 62670.0  | 0     |
| <b>1658</b> | 1378  | 1972 | 2n Cycle   | Together | 50334.0  | 0     |
| <b>1659</b> | 2781  | 1981 | Graduation | Single   | 72066.0  | 0     |
| <b>1660</b> | 1165  | 1958 | PhD        | Single   | 50729.0  | 1     |
| <b>1661</b> | 1404  | 1968 | Graduation | Together | 34916.0  | 2     |
| <b>1662</b> | 1404  | 1968 | Graduation | Divorced | 64892.0  | 0     |
| <b>1663</b> | 2639  | 1966 | Graduation | Single   | 43602.0  | 1     |
| <b>1664</b> | 8299  | 1989 | PhD        | Single   | 33996.0  | 0     |
| ...         | ...   | ...  | ...        | ...      | ...      | ...   |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1665</b> | 6437  | 1985 | 2n Cycle   | Single   | 41473.0 | 1 |
| <b>1666</b> | 6912  | 1967 | PhD        | Married  | 63246.0 | 0 |
| <b>1667</b> | 7327  | 1959 | PhD        | Married  | 36732.0 | 1 |
| <b>1668</b> | 5299  | 1970 | PhD        | Married  | 69084.0 | 1 |
| <b>1669</b> | 4127  | 1967 | PhD        | Married  | 77766.0 | 0 |
| <b>1670</b> | 8143  | 1985 | PhD        | Single   | 37929.0 | 0 |
| <b>1671</b> | 1964  | 1951 | Graduation | Together | 86610.0 | 0 |
| <b>1672</b> | 3690  | 1986 | Master     | Married  | 80141.0 | 0 |
| <b>1673</b> | 3433  | 1955 | 2n Cycle   | Married  | 72635.0 | 0 |
| <b>1674</b> | 3389  | 1970 | Graduation | Married  | 69016.0 | 0 |
| <b>1675</b> | 4712  | 1991 | 2n Cycle   | Together | 20193.0 | 0 |
| <b>1676</b> | 1170  | 1975 | Graduation | Married  | 27573.0 | 1 |
| <b>1677</b> | 6347  | 1979 | Basic      | Single   | 15862.0 | 1 |
| <b>1678</b> | 4065  | 1976 | PhD        | Married  | 49544.0 | 1 |
| <b>1679</b> | 8230  | 1980 | Graduation | Married  | 33228.0 | 1 |
| <b>1680</b> | 1215  | 1978 | Graduation | Together | 70440.0 | 0 |
| <b>1681</b> | 5939  | 1971 | Graduation | Together | 38232.0 | 1 |
| <b>1682</b> | 2156  | 1955 | PhD        | Married  | 22554.0 | 1 |
| <b>1683</b> | 7788  | 1983 | PhD        | Married  | 23536.0 | 1 |
| <b>1684</b> | 10323 | 1952 | Graduation | Married  | 49413.0 | 0 |
| <b>1685</b> | 7947  | 1969 | Graduation | Married  | 42231.0 | 1 |
| <b>1686</b> | 1891  | 1980 | Master     | Divorced | 78789.0 | 0 |
| <b>1687</b> | 2570  | 1968 | Graduation | Together | 56534.0 | 0 |
| <b>1688</b> | 9256  | 1971 | Graduation | Single   | 58350.0 | 0 |
| <b>1689</b> | 295   | 1989 | Graduation | Single   | 81217.0 | 0 |
| <b>1690</b> | 7397  | 1951 | Graduation | Single   | 49090.0 | 0 |
| <b>1691</b> | 6349  | 1987 | Master     | Divorced | 61787.0 | 0 |
| <b>1692</b> | 10790 | 1985 | PhD        | Married  | 18169.0 | 1 |
| <b>1693</b> | 10398 | 1981 | 2n Cycle   | Single   | 24336.0 | 1 |
|             |       |      | Graduation | Married  | 18222.0 | 0 |
|             |       |      | Graduation | Divorced | 62335.0 | 0 |
| <b>1696</b> | 1890  | 1971 | 2n Cycle   | Together | 42033.0 | 1 |
| <b>1697</b> | 10742 | 1983 | PhD        | Married  | 86580.0 | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1698</b> | 10356 | 1957 | PhD        | Divorced | 41437.0 | 1 |
| <b>1699</b> | 4676  | 1951 | Master     | Widow    | 73705.0 | 0 |
| <b>1700</b> | 8852  | 1976 | Graduation | Married  | 61064.0 | 0 |
| <b>1701</b> | 3565  | 1955 | Master     | Married  | 38452.0 | 1 |
| <b>1702</b> | 5294  | 1989 | Graduation | Single   | 18358.0 | 1 |
| <b>1703</b> | 1958  | 1973 | PhD        | Together | 55012.0 | 0 |
| <b>1704</b> | 7349  | 1973 | Basic      | Together | 9722.0  | 1 |
| <b>1705</b> | 8799  | 1984 | PhD        | Married  | 38175.0 | 1 |
| <b>1706</b> | 1351  | 1956 | Master     | Together | 58656.0 | 0 |
| <b>1707</b> | 1045  | 1965 | Graduation | Together | 52117.0 | 0 |
| <b>1708</b> | 7732  | 1978 | Graduation | Married  | 64813.0 | 1 |
| <b>1709</b> | 8070  | 1973 | PhD        | Married  | 54222.0 | 0 |
| <b>1710</b> | 477   | 1986 | Graduation | Married  | 83512.0 | 0 |
| <b>1711</b> | 7832  | 1959 | Master     | Married  | 77520.0 | 0 |
| <b>1712</b> | 2202  | 1978 | Graduation | Together | 41154.0 | 0 |
| <b>1713</b> | 7396  | 1966 | Graduation | Married  | 80398.0 | 0 |
| <b>1714</b> | 4055  | 1992 | Basic      | Single   | 18746.0 | 1 |
| <b>1715</b> | 10340 | 1984 | Graduation | Together | 35196.0 | 1 |
| <b>1716</b> | 10091 | 1956 | Graduation | Single   | 60230.0 | 0 |
| <b>1717</b> | 7629  | 1977 | Graduation | Married  | 22108.0 | 1 |
| <b>1718</b> | 10640 | 1974 | Graduation | Together | 44392.0 | 1 |
| <b>1719</b> | 3498  | 1976 | PhD        | Married  | 55424.0 | 0 |
| <b>1720</b> | 6742  | 1979 | Graduation | Married  | 17688.0 | 1 |
| <b>1721</b> | 1172  | 1983 | PhD        | Married  | 92491.0 | 0 |
| <b>1722</b> | 569   | 1991 | Graduation | Single   | 90273.0 | 0 |
| <b>1723</b> | 4686  | 1962 | PhD        | Widow    | 82571.0 | 0 |
| <b>1724</b> | 1381  | 1982 | PhD        | Single   | 38513.0 | 1 |
| <b>1725</b> | 2634  | 1979 | Master     | Single   | 16653.0 | 1 |
| <b>1726</b> | 10905 | 1955 | Graduation | Together | 42586.0 | 1 |
| <b>1727</b> | 4000  | 1984 | Basic      | Single   | 23529.0 | 0 |
| <b>1728</b> | 4000  | 1984 | Master     | Together | 74881.0 | 1 |
| <b>1729</b> | 3828  | 1951 | Graduation | Married  | 71107.0 | 0 |
| <b>1730</b> | 8605  | 1964 | PhD        | Together | 46910.0 | 1 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1731</b> | 10304 | 1959 | Graduation | Married  | 18690.0 | 0 |
| <b>1732</b> | 4351  | 1955 | Graduation | Divorced | 37244.0 | 1 |
| <b>1733</b> | 10129 | 1966 | Graduation | Together | 82427.0 | 0 |
| <b>1734</b> | 2499  | 1958 | 2n Cycle   | Single   | 75342.0 | 0 |
| <b>1735</b> | 10092 | 1954 | Graduation | Divorced | 70044.0 | 0 |
| <b>1736</b> | 7500  | 1967 | Graduation | Single   | 79146.0 | 1 |
| <b>1737</b> | 5796  | 1963 | Graduation | Married  | 77437.0 | 0 |
| <b>1738</b> | 10556 | 1959 | Graduation | Married  | 54984.0 | 0 |
| <b>1739</b> | 1064  | 1971 | PhD        | Married  | 42403.0 | 1 |
| <b>1740</b> | 48    | 1964 | Graduation | Together | 55761.0 | 0 |
| <b>1741</b> | 7610  | 1983 | Graduation | Together | 37292.0 | 1 |
| <b>1742</b> | 263   | 1945 | PhD        | Single   | 45576.0 | 0 |
| <b>1743</b> | 10814 | 1947 | Graduation | Together | 70321.0 | 0 |
| <b>1744</b> | 9710  | 1969 | PhD        | Divorced | 58086.0 | 0 |
| <b>1745</b> | 9292  | 1952 | Graduation | Married  | 81795.0 | 0 |
| <b>1746</b> | 10250 | 1947 | Basic      | Together | 28389.0 | 0 |
| <b>1747</b> | 7881  | 1946 | Master     | Married  | 66835.0 | 0 |
| <b>1748</b> | 5847  | 1969 | Graduation | Divorced | 69901.0 | 0 |
| <b>1749</b> | 737   | 1949 | PhD        | Married  | 80360.0 | 0 |
| <b>1750</b> | 3571  | 1961 | PhD        | Together | 63342.0 | 0 |
| <b>1751</b> | 7807  | 1974 | Graduation | Married  | 44989.0 | 0 |
| <b>1752</b> | 3878  | 1980 | 2n Cycle   | Single   | 31859.0 | 1 |
| <b>1753</b> | 5092  | 1949 | PhD        | Widow    | 51569.0 | 0 |
| <b>1754</b> | 2154  | 1971 | Graduation | Widow    | 30372.0 | 1 |
| <b>1755</b> | 5394  | 1979 | Basic      | Single   | 16014.0 | 1 |
| <b>1756</b> | 3798  | 1968 | Graduation | Married  | 41120.0 | 1 |
| <b>1757</b> | 3524  | 1971 | Master     | Single   | 39763.0 | 1 |
| <b>1758</b> | 5247  | 1955 | PhD        | Married  | 38725.0 | 1 |
| <b>1759</b> | 5883  | 1972 | Graduation | Married  | 77981.0 | 1 |
|             |       |      | 2n Cycle   | Married  | 62905.0 | 0 |
| <b>1761</b> | 8812  | 1979 | 2n Cycle   | Divorced | 13533.0 | 1 |
| <b>1762</b> | 6616  | 1975 | Graduation | Together | 59481.0 | 0 |
| <b>1763</b> | 2707  | 1977 | Graduation | Married  | 72117.0 | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1763</b> | 2797  | 1977 | Graduation | Married  | 72117.0 | 0 |
| <b>1764</b> | 4328  | 1986 | 2n Cycle   | Married  | 21955.0 | 1 |
| <b>1765</b> | 9167  | 1956 | Graduation | Married  | 67131.0 | 0 |
| <b>1766</b> | 10560 | 1980 | PhD        | Single   | 36802.0 | 1 |
| <b>1767</b> | 2631  | 1982 | Graduation | Together | 71853.0 | 0 |
| <b>1768</b> | 8312  | 1961 | Basic      | Married  | 28249.0 | 0 |
| <b>1769</b> | 5534  | 1975 | Master     | Married  | 47808.0 | 0 |
| <b>1770</b> | 5093  | 1974 | PhD        | Divorced | 25509.0 | 1 |
| <b>1771</b> | 7592  | 1946 | PhD        | Married  | 51012.0 | 0 |
| <b>1772</b> | 8895  | 1985 | Graduation | Single   | 70596.0 | 0 |
| <b>1773</b> | 8584  | 1952 | PhD        | Together | 85431.0 | 0 |
| <b>1774</b> | 2694  | 1967 | Graduation | Married  | 42664.0 | 0 |
| <b>1775</b> | 8910  | 1955 | Graduation | Together | 42586.0 | 1 |
| <b>1776</b> | 7433  | 1985 | Graduation | Single   | 29760.0 | 1 |
| <b>1777</b> | 164   | 1977 | PhD        | Married  | 28973.0 | 0 |
| <b>1778</b> | 10477 | 1973 | PhD        | Together | 39435.0 | 1 |
| <b>1779</b> | 2681  | 1984 | 2n Cycle   | Married  | 65370.0 | 0 |
| <b>1780</b> | 5150  | 1979 | Basic      | Single   | 20194.0 | 1 |
| <b>1781</b> | 5283  | 1976 | PhD        | Single   | 42473.0 | 1 |
| <b>1782</b> | 9645  | 1968 | Graduation | Married  | 64590.0 | 0 |
| <b>1783</b> | 10678 | 1959 | Graduation | Together | 71232.0 | 0 |
| <b>1784</b> | 7261  | 1971 | Graduation | Together | 34600.0 | 1 |
| <b>1785</b> | 9648  | 1967 | Graduation | Single   | 46904.0 | 1 |
| <b>1786</b> | 2870  | 1973 | Graduation | Married  | 49094.0 | 0 |
| <b>1787</b> | 8008  | 1983 | Graduation | Together | 36075.0 | 1 |
| <b>1788</b> | 1513  | 1979 | 2n Cycle   | Together | 60839.0 | 1 |
| <b>1789</b> | 6173  | 1979 | Graduation | Together | 77298.0 | 0 |
| <b>1790</b> | 1419  | 1950 | Graduation | Together | 34026.0 | 1 |
| <b>1791</b> | 9150  | 1963 | PhD        | Single   | 48918.0 | 1 |
| <b>1792</b> | 7060  | 1962 | 2n Cycle   | Together | 82122.0 | 0 |
| <b>1793</b> | 7060  | 1962 | Graduation | Single   | 37697.0 | 1 |
| <b>1794</b> | 9905  | 1952 | Graduation | Together | 34074.0 | 1 |
| <b>1795</b> | 10691 | 1960 | Master     | Married  | 28520.0 | 1 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1796</b> | 7002  | 1955 | Graduation | Single   | 62535.0 | 0 |
| <b>1797</b> | 2952  | 1977 | Master     | Single   | 36273.0 | 1 |
| <b>1798</b> | 8439  | 1964 | Graduation | Together | 63404.0 | 0 |
| <b>1799</b> | 762   | 1981 | 2n Cycle   | Together | 75774.0 | 1 |
| <b>1800</b> | 2831  | 1976 | Graduation | Together | 78416.0 | 0 |
| <b>1801</b> | 6977  | 1974 | Graduation | Together | 75702.0 | 0 |
| <b>1802</b> | 6289  | 1951 | Master     | Together | 59385.0 | 1 |
| <b>1803</b> | 4168  | 1966 | Graduation | Single   | 37070.0 | 1 |
| <b>1804</b> | 8397  | 1951 | Graduation | Married  | 44689.0 | 1 |
| <b>1805</b> | 9284  | 1958 | Graduation | Together | 53977.0 | 0 |
| <b>1806</b> | 6237  | 1966 | PhD        | Single   | 7144.0  | 0 |
| <b>1807</b> | 3130  | 1964 | Graduation | Single   | 18701.0 | 1 |
| <b>1808</b> | 1619  | 1956 | Graduation | Married  | 90369.0 | 0 |
| <b>1809</b> | 1990  | 1974 | PhD        | Single   | 63159.0 | 0 |
| <b>1810</b> | 5513  | 1966 | Graduation | Together | 37758.0 | 1 |
| <b>1811</b> | 269   | 1963 | PhD        | Single   | 46757.0 | 0 |
| <b>1812</b> | 8093  | 1969 | Master     | Married  | 79734.0 | 0 |
| <b>1813</b> | 10513 | 1992 | Graduation | Together | 63207.0 | 0 |
| <b>1814</b> | 10177 | 1954 | Graduation | Divorced | 72071.0 | 0 |
| <b>1815</b> | 2549  | 1983 | PhD        | Together | 21840.0 | 1 |
| <b>1816</b> | 5782  | 1982 | 2n Cycle   | Together | 58582.0 | 0 |
| <b>1817</b> | 10057 | 1951 | Graduation | Single   | 72282.0 | 0 |
| <b>1818</b> | 10307 | 1956 | Graduation | Married  | 50387.0 | 0 |
| <b>1819</b> | 8566  | 1961 | PhD        | Together | 32583.0 | 1 |
| <b>1820</b> | 2415  | 1962 | Graduation | Together | 62568.0 | 0 |
| <b>1821</b> | 5684  | 1971 | Master     | Divorced | 44635.0 | 1 |
| <b>1822</b> | 8334  | 1971 | Master     | Single   | 33316.0 | 1 |
| <b>1823</b> | 9166  | 1968 | Graduation | Married  | 63967.0 | 0 |
| <b>1824</b> | 1440  | 1978 | 2n Cycle   | Together | 52513.0 | 0 |
|             |       |      | Graduation | Married  | 25293.0 | 1 |
|             |       |      | PhD        | Widow    | 54111.0 | 0 |
| <b>1827</b> | 5302  | 1986 | Graduation | Together | 78394.0 | 0 |
| <b>1828</b> | 4687  | 1958 | Master     | Married  | 80739.0 | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1829</b> | 1087  | 1975 | Master     | Together | 22669.0 | 1 |
| <b>1830</b> | 6859  | 1987 | Graduation | Single   | 29236.0 | 1 |
| <b>1831</b> | 9860  | 1959 | Graduation | Together | 44911.0 | 0 |
| <b>1832</b> | 7129  | 1962 | PhD        | Married  | 54693.0 | 0 |
| <b>1833</b> | 5866  | 1974 | Graduation | Together | 48186.0 | 1 |
| <b>1834</b> | 10521 | 1977 | Graduation | Married  | 54809.0 | 1 |
| <b>1835</b> | 7393  | 1978 | Graduation | Together | 41580.0 | 1 |
| <b>1836</b> | 7849  | 1970 | PhD        | Married  | 80336.0 | 0 |
| <b>1837</b> | 332   | 1957 | Graduation | Married  | 47743.0 | 0 |
| <b>1838</b> | 9847  | 1955 | 2n Cycle   | Married  | 62972.0 | 0 |
| <b>1839</b> | 531   | 1954 | PhD        | Divorced | 57333.0 | 0 |
| <b>1840</b> | 9576  | 1982 | PhD        | Together | 32313.0 | 1 |
| <b>1841</b> | 6906  | 1953 | Master     | Widow    | 84953.0 | 0 |
| <b>1842</b> | 7419  | 1968 | Master     | Divorced | 27071.0 | 1 |
| <b>1843</b> | 3170  | 1957 | Master     | Together | 68148.0 | 0 |
| <b>1844</b> | 8527  | 1965 | Master     | Together | 65735.0 | 1 |
| <b>1845</b> | 7872  | 1975 | PhD        | Married  | 86836.0 | 0 |
| <b>1846</b> | 9931  | 1963 | PhD        | Married  | 4023.0  | 1 |
| <b>1847</b> | 10595 | 1990 | Graduation | Married  | 30093.0 | 0 |
| <b>1848</b> | 4609  | 1966 | PhD        | Married  | 57705.0 | 0 |
| <b>1849</b> | 5010  | 1988 | Graduation | Single   | 25008.0 | 1 |
| <b>1850</b> | 4427  | 1995 | 2n Cycle   | Single   | 83257.0 | 0 |
| <b>1851</b> | 11148 | 1975 | Graduation | Together | 22280.0 | 1 |
| <b>1852</b> | 1168  | 1978 | PhD        | Married  | 72159.0 | 0 |
| <b>1853</b> | 9595  | 1961 | Graduation | Together | 64260.0 | 0 |
| <b>1854</b> | 10163 | 1984 | PhD        | Single   | 82733.0 | 0 |
| <b>1855</b> | 2886  | 1971 | Master     | Divorced | 74290.0 | 0 |
| <b>1856</b> | 6710  | 1951 | Master     | Single   | 58217.0 | 2 |
| <b>1857</b> | 5316  | 1976 | Master     | Together | 21024.0 | 0 |
| <b>1858</b> | 521   | 1983 | PhD        | Married  | 70116.0 | 0 |
| <b>1859</b> | 521   | 1983 | Graduation | Together | 54006.0 | 1 |
| <b>1860</b> | 1459  | 1966 | PhD        | Married  | 69063.0 | 0 |
| <b>1861</b> | 10241 | 1975 | 2n Cycle   | Divorced | 11448.0 | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1862</b> | 1630  | 1979 | Graduation | Single   | 61825.0 | 0 |
| <b>1863</b> | 3254  | 1971 | Graduation | Married  | 70886.0 | 1 |
| <b>1864</b> | 9064  | 1982 | Graduation | Married  | 69109.0 | 0 |
| <b>1865</b> | 3678  | 1973 | Graduation | Widow    | 60208.0 | 1 |
| <b>1866</b> | 4227  | 1968 | Master     | Together | 32889.0 | 1 |
| <b>1867</b> | 9467  | 1984 | Graduation | Single   | 34738.0 | 1 |
| <b>1868</b> | 8486  | 1971 | Master     | Together | 30538.0 | 1 |
| <b>1869</b> | 2186  | 1977 | 2n Cycle   | Together | 82326.0 | 0 |
| <b>1870</b> | 3286  | 1967 | PhD        | Divorced | 26642.0 | 1 |
| <b>1871</b> | 8602  | 1964 | Graduation | Divorced | 69932.0 | 0 |
| <b>1872</b> | 3722  | 1972 | Graduation | Single   | 44503.0 | 1 |
| <b>1873</b> | 6715  | 1948 | PhD        | Single   | 60200.0 | 0 |
| <b>1874</b> | 4796  | 1952 | Graduation | Divorced | 49638.0 | 0 |
| <b>1875</b> | 9612  | 1987 | 2n Cycle   | Single   | 23830.0 | 0 |
| <b>1876</b> | 3766  | 1959 | Master     | Widow    | 33051.0 | 0 |
| <b>1877</b> | 1399  | 1958 | Graduation | Married  | 72905.0 | 0 |
| <b>1878</b> | 1570  | 1951 | PhD        | Together | 69702.0 | 0 |
| <b>1879</b> | 3426  | 1975 | Graduation | Divorced | 70300.0 | 1 |
| <b>1880</b> | 3074  | 1984 | PhD        | Married  | 70643.0 | 0 |
| <b>1881</b> | 8341  | 1969 | PhD        | Married  | 30396.0 | 1 |
| <b>1882</b> | 5180  | 1968 | PhD        | Divorced | 50616.0 | 0 |
| <b>1883</b> | 6461  | 1969 | Master     | Single   | 62772.0 | 0 |
| <b>1884</b> | 7679  | 1985 | PhD        | Single   | 30298.0 | 0 |
| <b>1885</b> | 10702 | 1984 | Graduation | Single   | 52413.0 | 1 |
| <b>1886</b> | 7505  | 1957 | PhD        | Married  | 44155.0 | 1 |
| <b>1887</b> | 5113  | 1971 | PhD        | Divorced | 86979.0 | 0 |
| <b>1888</b> | 10858 | 1975 | Graduation | Together | 76532.0 | 1 |
| <b>1889</b> | 2961  | 1982 | Graduation | Married  | 42081.0 | 1 |
| <b>1890</b> | 2747  | 1988 | PhD        | Married  | 67546.0 | 0 |
|             |       |      | Master     | Together | 88420.0 | 0 |
| <b>1892</b> | 5790  | 1985 | Graduation | Married  | 31158.0 | 1 |
| <b>1893</b> | 6892  | 1968 | Graduation | Divorced | 61671.0 | 0 |
| <b>1894</b> | 1742  | 1974 | Graduation | Single   | 60710.0 | 0 |

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|             |       |      |            |          |          |   |
|-------------|-------|------|------------|----------|----------|---|
| <b>1894</b> | 1743  | 1974 | Graduation | Single   | 69719.0  | 0 |
| <b>1895</b> | 3578  | 1949 | Graduation | Divorced | 49160.0  | 0 |
| <b>1896</b> | 8462  | 1978 | Basic      | Together | 24882.0  | 1 |
| <b>1897</b> | 5558  | 1954 | PhD        | Single   | 90933.0  | 0 |
| <b>1898</b> | 4619  | 1945 | PhD        | Single   | 113734.0 | 0 |
| <b>1899</b> | 8780  | 1950 | PhD        | Together | 59292.0  | 0 |
| <b>1900</b> | 10789 | 1964 | PhD        | Married  | 45759.0  | 1 |
| <b>1901</b> | 10779 | 1983 | Graduation | Single   | 22148.0  | 0 |
| <b>1902</b> | 5896  | 1987 | Master     | Married  | 73395.0  | 0 |
| <b>1903</b> | 2337  | 1971 | Graduation | Divorced | 29819.0  | 1 |
| <b>1904</b> | 10951 | 1968 | Graduation | Married  | 45688.0  | 0 |
| <b>1905</b> | 544   | 1954 | Graduation | Married  | 62820.0  | 0 |
| <b>1906</b> | 17    | 1971 | PhD        | Married  | 60491.0  | 0 |
| <b>1907</b> | 10680 | 1986 | Graduation | Together | 33235.0  | 1 |
| <b>1908</b> | 3265  | 1959 | Graduation | Married  | 35701.0  | 0 |
| <b>1909</b> | 5623  | 1980 | Master     | Married  | 31535.0  | 1 |
| <b>1910</b> | 5832  | 1960 | 2n Cycle   | Together | 92556.0  | 0 |
| <b>1911</b> | 5544  | 1970 | Graduation | Single   | 67384.0  | 0 |
| <b>1912</b> | 6417  | 1971 | Master     | Together | 80573.0  | 0 |
| <b>1913</b> | 5831  | 1967 | Graduation | Married  | 77870.0  | 0 |
| <b>1914</b> | 7101  | 1963 | PhD        | Widow    | 52278.0  | 0 |
| <b>1915</b> | 10176 | 1968 | Graduation | Single   | 57107.0  | 0 |
| <b>1916</b> | 2326  | 1990 | Graduation | Married  | 18929.0  | 0 |
| <b>1917</b> | 4385  | 1981 | PhD        | Single   | 36038.0  | 1 |
| <b>1918</b> | 2929  | 1976 | Graduation | Single   | 20180.0  | 0 |
| <b>1919</b> | 10686 | 1965 | PhD        | Together | 34230.0  | 1 |
| <b>1920</b> | 2546  | 1977 | 2n Cycle   | Single   | 31878.0  | 0 |
| <b>1921</b> | 3283  | 1972 | 2n Cycle   | Married  | 70932.0  | 0 |
| <b>1922</b> | 3138  | 1956 | Graduation | Single   | 91249.0  | 0 |
| <b>1923</b> | 4004  | 1972 | Master     | Single   | 77598.0  | 0 |
| <b>1924</b> | 3112  | 1977 | Graduation | Single   | 80982.0  | 1 |
| <b>1925</b> | 3112  | 1977 | Master     | Married  | 22701.0  | 1 |
| <b>1926</b> | 10872 | 1969 | PhD        | Married  | 55212.0  | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1927</b> | 2181  | 1970 | Graduation | Married  | 70617.0 | 0 |
| <b>1928</b> | 1867  | 1957 | Graduation | Single   | 64849.0 | 0 |
| <b>1929</b> | 1518  | 1965 | Master     | Married  | 62694.0 | 1 |
| <b>1930</b> | 5734  | 1974 | PhD        | Married  | 61917.0 | 1 |
| <b>1931</b> | 2878  | 1947 | PhD        | Married  | 67472.0 | 0 |
| <b>1932</b> | 1458  | 1982 | Master     | Married  | 21059.0 | 1 |
| <b>1933</b> | 7007  | 1968 | Master     | Married  | 29543.0 | 2 |
| <b>1934</b> | 6200  | 1951 | Graduation | Married  | 75903.0 | 0 |
| <b>1935</b> | 1403  | 1975 | 2n Cycle   | Together | 34984.0 | 1 |
| <b>1936</b> | 4827  | 1956 | PhD        | Single   | 54998.0 | 0 |
| <b>1937</b> | 6250  | 1949 | PhD        | Widow    | 54356.0 | 0 |
| <b>1938</b> | 9291  | 1959 | Master     | Married  | 34242.0 | 0 |
| <b>1939</b> | 2478  | 1973 | Graduation | Married  | 25410.0 | 1 |
| <b>1940</b> | 1139  | 1984 | PhD        | Married  | 73356.0 | 0 |
| <b>1941</b> | 5138  | 1950 | Graduation | Together | 28320.0 | 0 |
| <b>1942</b> | 5393  | 1977 | Graduation | Single   | 23763.0 | 1 |
| <b>1943</b> | 10413 | 1984 | Graduation | Married  | 72570.0 | 0 |
| <b>1944</b> | 5015  | 1976 | Master     | Married  | 34529.0 | 1 |
| <b>1945</b> | 10868 | 1951 | Graduation | Widow    | 70792.0 | 0 |
| <b>1946</b> | 10676 | 1982 | Graduation | Married  | 63211.0 | 0 |
| <b>1947</b> | 2495  | 1974 | Master     | Married  | 83891.0 | 0 |
| <b>1948</b> | 7842  | 1968 | Graduation | Single   | 36065.0 | 1 |
| <b>1949</b> | 9955  | 1954 | Graduation | Together | 39898.0 | 0 |
| <b>1950</b> | 6663  | 1940 | PhD        | Single   | 51141.0 | 0 |
| <b>1951</b> | 2162  | 1976 | Graduation | Married  | 56939.0 | 0 |
| <b>1952</b> | 3434  | 1951 | Graduation | Single   | 80872.0 | 0 |
| <b>1953</b> | 7919  | 1976 | PhD        | Together | 72335.0 | 0 |
| <b>1954</b> | 5626  | 1964 | PhD        | Single   | 61798.0 | 0 |
| <b>1955</b> | 6428  | 1950 | PhD        | Widow    | 76842.0 | 0 |
|             |       |      | Graduation | Together | 29478.0 | 1 |
|             |       |      | Graduation | Single   | 46998.0 | 0 |
| <b>1958</b> | 2109  | 1990 | Graduation | Single   | 96843.0 | 0 |
| <b>1959</b> | 7530  | 1950 | PhD        | Widow    | 56551.0 | 1 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1960</b> | 8925  | 1965 | Master     | Married  | 70053.0 | 0 |
| <b>1961</b> | 3009  | 1962 | PhD        | Widow    | 71670.0 | 0 |
| <b>1962</b> | 6355  | 1978 | Graduation | Married  | 44359.0 | 1 |
| <b>1963</b> | 3517  | 1952 | Graduation | Single   | 40887.0 | 1 |
| <b>1964</b> | 1158  | 1966 | Graduation | Divorced | 48877.0 | 0 |
| <b>1965</b> | 6203  | 1947 | Graduation | Together | 74485.0 | 0 |
| <b>1966</b> | 7165  | 1972 | Graduation | Together | 64474.0 | 0 |
| <b>1967</b> | 3595  | 1963 | Graduation | Together | 77226.0 | 0 |
| <b>1968</b> | 8537  | 1949 | Graduation | Widow    | 72643.0 | 0 |
| <b>1969</b> | 4331  | 1978 | Master     | Together | 85738.0 | 0 |
| <b>1970</b> | 6281  | 1966 | Graduation | Divorced | 55686.0 | 0 |
| <b>1971</b> | 4338  | 1983 | Graduation | Single   | 39062.0 | 1 |
| <b>1972</b> | 2452  | 1971 | Graduation | Together | 34600.0 | 1 |
| <b>1973</b> | 9507  | 1975 | Graduation | Married  | 40794.0 | 0 |
| <b>1974</b> | 8360  | 1971 | 2n Cycle   | Married  | 54690.0 | 1 |
| <b>1975</b> | 10311 | 1969 | Graduation | Married  | 4428.0  | 0 |
| <b>1976</b> | 5117  | 1963 | 2n Cycle   | Married  | 32632.0 | 0 |
| <b>1977</b> | 4867  | 1968 | PhD        | Single   | 38236.0 | 1 |
| <b>1978</b> | 9289  | 1979 | Graduation | Married  | 36781.0 | 1 |
| <b>1979</b> | 10913 | 1984 | Master     | Single   | 31385.0 | 1 |
| <b>1980</b> | 3032  | 1984 | Graduation | Married  | 24570.0 | 1 |
| <b>1981</b> | 8524  | 1974 | PhD        | Divorced | 25509.0 | 1 |
| <b>1982</b> | 3334  | 1951 | Graduation | Married  | 94642.0 | 0 |
| <b>1983</b> | 4470  | 1962 | Master     | Married  | 58646.0 | 0 |
| <b>1984</b> | 1406  | 1975 | Graduation | Single   | 53201.0 | 1 |
| <b>1985</b> | 8619  | 1957 | Graduation | Together | 21994.0 | 0 |
| <b>1986</b> | 10821 | 1978 | Graduation | Married  | 57113.0 | 1 |
| <b>1987</b> | 4552  | 1991 | Graduation | Married  | 51373.0 | 0 |
| <b>1988</b> | 898   | 1986 | Graduation | Married  | 23477.0 | 1 |
| <b>1989</b> | 10949 | 1963 | Graduation | Married  | 58116.0 | 0 |
| <b>1990</b> | 10949 | 1963 | PhD        | Divorced | 72968.0 | 0 |
| <b>1991</b> | 8212  | 1971 | Master     | Married  | 39791.0 | 0 |
| <b>1992</b> | 6248  | 1947 | Master     | Single   | 91712.0 | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>1993</b> | 10164 | 1958 | Graduation | Single   | 94472.0 | 0 |
| <b>1994</b> | 4547  | 1960 | Graduation | Together | 13672.0 | 1 |
| <b>1995</b> | 6815  | 1980 | 2n Cycle   | Married  | 96547.0 | 0 |
| <b>1996</b> | 4122  | 1975 | Graduation | Married  | 79205.0 | 0 |
| <b>1997</b> | 10841 | 1975 | PhD        | Together | 56559.0 | 0 |
| <b>1998</b> | 5370  | 1973 | PhD        | Married  | 32644.0 | 1 |
| <b>1999</b> | 176   | 1980 | 2n Cycle   | Single   | 67506.0 | 0 |
| <b>2000</b> | 4860  | 1970 | Graduation | Single   | 24206.0 | 1 |
| <b>2001</b> | 10757 | 1967 | PhD        | Divorced | 28420.0 | 1 |
| <b>2002</b> | 4023  | 1970 | Graduation | Married  | 22979.0 | 1 |
| <b>2003</b> | 6679  | 1966 | Graduation | Single   | 33279.0 | 0 |
| <b>2004</b> | 9923  | 1972 | Master     | Single   | 46423.0 | 1 |
| <b>2005</b> | 7181  | 1977 | Graduation | Married  | 30368.0 | 0 |
| <b>2006</b> | 3599  | 1970 | Graduation | Married  | 63684.0 | 0 |
| <b>2007</b> | 405   | 1964 | Graduation | Divorced | 41638.0 | 0 |
| <b>2008</b> | 6870  | 1959 | PhD        | Divorced | 68805.0 | 0 |
| <b>2009</b> | 832   | 1966 | PhD        | Together | 65814.0 | 0 |
| <b>2010</b> | 2002  | 1958 | Graduation | Divorced | 71964.0 | 0 |
| <b>2011</b> | 3657  | 1986 | Graduation | Single   | 39146.0 | 1 |
| <b>2012</b> | 500   | 1977 | Graduation | Together | 96876.0 | 0 |
| <b>2013</b> | 1951  | 1981 | Basic      | Married  | 34445.0 | 0 |
| <b>2014</b> | 3262  | 1958 | Graduation | Single   | 68281.0 | 0 |
| <b>2015</b> | 4102  | 1975 | 2n Cycle   | Married  | 37284.0 | 1 |
| <b>2016</b> | 7042  | 1983 | Graduation | Married  | 36790.0 | 0 |
| <b>2017</b> | 10598 | 1967 | Graduation | Together | 27943.0 | 1 |
| <b>2018</b> | 255   | 1951 | Graduation | Divorced | 22263.0 | 1 |
| <b>2019</b> | 2375  | 1972 | Graduation | Together | 30261.0 | 1 |
| <b>2020</b> | 9829  | 1978 | Graduation | Together | 28587.0 | 1 |
| <b>2021</b> | 6214  | 1982 | Master     | Married  | 43815.0 | 1 |
| <b>2022</b> | 4122  | 1975 | Graduation | Married  | 48195.0 | 1 |
| <b>2023</b> | 7861  | 1952 | Master     | Married  | 77027.0 | 0 |
| <b>2024</b> | 4837  | 1965 | PhD        | Married  | 71322.0 | 0 |
| <b>2025</b> | 6122  | 1973 | PhD        | Married  | 33765.0 | 1 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>2025</b> | 9423  | 1979 | Master     | Married  | 32765.0 | 1 |
| <b>2026</b> | 4198  | 1965 | Graduation | Together | 29672.0 | 1 |
| <b>2027</b> | 153   | 1953 | Graduation | Divorced | 23272.0 | 0 |
| <b>2028</b> | 9323  | 1949 | Master     | Together | 49912.0 | 0 |
| <b>2029</b> | 10001 | 1985 | 2n Cycle   | Together | 7500.0  | 1 |
| <b>2030</b> | 3945  | 1947 | PhD        | Widow    | 68117.0 | 0 |
| <b>2031</b> | 3799  | 1955 | Graduation | Married  | 67225.0 | 0 |
| <b>2032</b> | 8625  | 1976 | Graduation | Married  | 17649.0 | 1 |
| <b>2033</b> | 3491  | 1975 | Graduation | Together | 55914.0 | 0 |
| <b>2034</b> | 983   | 1984 | Graduation | Married  | 40059.0 | 1 |
| <b>2035</b> | 9119  | 1950 | Graduation | Together | 60905.0 | 0 |
| <b>2036</b> | 4786  | 1977 | Graduation | Married  | 75330.0 | 1 |
| <b>2037</b> | 5872  | 1951 | Graduation | Single   | 60689.0 | 0 |
| <b>2038</b> | 6568  | 1984 | Graduation | Married  | 38680.0 | 1 |
| <b>2039</b> | 5628  | 1982 | Graduation | Together | 61416.0 | 0 |
| <b>2040</b> | 5631  | 1991 | Graduation | Single   | 49767.0 | 0 |
| <b>2041</b> | 4974  | 1970 | Graduation | Single   | 83273.0 | 1 |
| <b>2042</b> | 8416  | 1981 | Graduation | Married  | 29009.0 | 1 |
| <b>2043</b> | 5454  | 1979 | Master     | Married  | 45057.0 | 1 |
| <b>2044</b> | 4095  | 1971 | Graduation | Married  | 37150.0 | 1 |
| <b>2045</b> | 5474  | 1970 | Graduation | Single   | 43020.0 | 1 |
| <b>2046</b> | 4268  | 1959 | Graduation | Married  | 53154.0 | 0 |
| <b>2047</b> | 10701 | 1973 | Graduation | Married  | 65308.0 | 0 |
| <b>2048</b> | 3507  | 1970 | Graduation | Single   | 76467.0 | 1 |
| <b>2049</b> | 2079  | 1947 | 2n Cycle   | Married  | 81044.0 | 0 |
| <b>2050</b> | 626   | 1951 | Graduation | Married  | 32871.0 | 1 |
| <b>2051</b> | 4426  | 1975 | Graduation | Single   | 55801.0 | 1 |
| <b>2052</b> | 2591  | 1959 | Graduation | Widow    | 76320.0 | 0 |
| <b>2053</b> | 10509 | 1955 | Master     | Single   | 36927.0 | 1 |
|             |       |      | Graduation | Together | 48794.0 | 1 |
|             |       |      | Graduation | Single   | 23478.0 | 0 |
| <b>2056</b> | 7441  | 1973 | Graduation | Divorced | 71128.0 | 1 |
| <b>2057</b> | 1071  | 1976 | PhD        | Divorced | 70179.0 | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>2058</b> | 10061 | 1950 | Graduation | Married  | 59462.0 | 0 |
| <b>2059</b> | 7187  | 1969 | Master     | Together | NaN     | 1 |
| <b>2060</b> | 8775  | 1969 | Graduation | Together | 38361.0 | 1 |
| <b>2061</b> | 1612  | 1981 | PhD        | Single   | NaN     | 1 |
| <b>2062</b> | 2345  | 1982 | PhD        | Together | 70038.0 | 0 |
| <b>2063</b> | 322   | 1978 | Graduation | Together | 42554.0 | 1 |
| <b>2064</b> | 10897 | 1974 | Graduation | Married  | 67445.0 | 0 |
| <b>2065</b> | 123   | 1951 | Graduation | Widow    | 67046.0 | 0 |
| <b>2066</b> | 6103  | 1948 | Graduation | Married  | 42192.0 | 0 |
| <b>2067</b> | 7899  | 1952 | PhD        | Married  | 77610.0 | 0 |
| <b>2068</b> | 10500 | 1984 | Graduation | Married  | 31761.0 | 1 |
| <b>2069</b> | 1655  | 1979 | Graduation | Together | 34350.0 | 1 |
| <b>2070</b> | 2406  | 1949 | Graduation | Together | 54591.0 | 0 |
| <b>2071</b> | 2712  | 1956 | Graduation | Married  | 71866.0 | 0 |
| <b>2072</b> | 5517  | 1969 | Graduation | Married  | 25293.0 | 1 |
| <b>2073</b> | 10643 | 1987 | PhD        | Single   | 42000.0 | 0 |
| <b>2074</b> | 2254  | 1983 | Graduation | Married  | 69520.0 | 0 |
| <b>2075</b> | 10281 | 1970 | Graduation | Divorced | 64713.0 | 1 |
| <b>2076</b> | 6958  | 1977 | Master     | Married  | 27889.0 | 1 |
| <b>2077</b> | 954   | 1960 | Basic      | Widow    | 22123.0 | 0 |
| <b>2078</b> | 5079  | 1971 | Graduation | Married  | NaN     | 1 |
| <b>2079</b> | 10339 | 1954 | Master     | Together | NaN     | 0 |
| <b>2080</b> | 4643  | 1973 | Graduation | Married  | 27803.0 | 1 |
| <b>2081</b> | 3117  | 1955 | Graduation | Single   | NaN     | 0 |
| <b>2082</b> | 6497  | 1960 | Graduation | Married  | 51651.0 | 0 |
| <b>2083</b> | 5396  | 1988 | Graduation | Married  | 68487.0 | 0 |
| <b>2084</b> | 5250  | 1943 | Master     | Widow    | NaN     | 0 |
| <b>2085</b> | 1052  | 1969 | Graduation | Married  | 56796.0 | 0 |
| <b>2086</b> | 2802  | 1992 | 2n Cycle   | Married  | 87000.0 | 0 |
| <b>2087</b> | 5507  | 1988 | Graduation | Married  | 79823.0 | 0 |
| <b>2088</b> | 5507  | 1988 | Graduation | Single   | 30828.0 | 1 |
| <b>2089</b> | 7901  | 1971 | Master     | Married  | 34109.0 | 0 |
| <b>2090</b> | 4865  | 1974 | Master     | Divorced | 53367.0 | 1 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>2091</b> | 2686  | 1969 | Basic      | Together | 22390.0 | 0 |
| <b>2092</b> | 3107  | 1976 | Graduation | Together | 71322.0 | 0 |
| <b>2093</b> | 7734  | 1993 | Graduation | Absurd   | 79244.0 | 0 |
| <b>2094</b> | 1146  | 1949 | Master     | Together | 49912.0 | 0 |
| <b>2095</b> | 11031 | 1950 | PhD        | Married  | 48699.0 | 1 |
| <b>2096</b> | 7428  | 1975 | Graduation | Together | 80144.0 | 0 |
| <b>2097</b> | 975   | 1956 | Graduation | Single   | 54252.0 | 1 |
| <b>2098</b> | 1103  | 1976 | Master     | Married  | 81929.0 | 1 |
| <b>2099</b> | 3422  | 1975 | Graduation | Married  | 76068.0 | 0 |
| <b>2100</b> | 1055  | 1976 | Master     | Married  | 53204.0 | 1 |
| <b>2101</b> | 6544  | 1949 | PhD        | Together | 67911.0 | 0 |
| <b>2102</b> | 1241  | 1984 | 2n Cycle   | Married  | 14796.0 | 1 |
| <b>2103</b> | 2909  | 1974 | PhD        | Married  | 78128.0 | 0 |
| <b>2104</b> | 5802  | 1972 | Basic      | Married  | 14188.0 | 0 |
| <b>2105</b> | 1407  | 1986 | Basic      | Married  | 20425.0 | 1 |
| <b>2106</b> | 6183  | 1962 | Master     | Married  | 58646.0 | 0 |
| <b>2107</b> | 340   | 1970 | Graduation | Divorced | 72967.0 | 0 |
| <b>2108</b> | 5991  | 1949 | Master     | Married  | 48150.0 | 0 |
| <b>2109</b> | 3104  | 1961 | Graduation | Single   | 82332.0 | 0 |
| <b>2110</b> | 9729  | 1955 | Graduation | Widow    | 58275.0 | 1 |
| <b>2111</b> | 1008  | 1981 | PhD        | Together | 44953.0 | 0 |
| <b>2112</b> | 11091 | 1953 | Graduation | Together | 34587.0 | 1 |
| <b>2113</b> | 3969  | 1974 | Master     | Together | 43018.0 | 0 |
| <b>2114</b> | 1916  | 1954 | Master     | Married  | 45736.0 | 0 |
| <b>2115</b> | 9907  | 1969 | Master     | Together | 66476.0 | 0 |
| <b>2116</b> | 87    | 1981 | 2n Cycle   | Married  | 27733.0 | 1 |
| <b>2117</b> | 8659  | 1952 | PhD        | Together | 69805.0 | 0 |
| <b>2118</b> | 6262  | 1962 | Master     | Single   | 72217.0 | 0 |
| <b>2119</b> | 6147  | 1971 | Graduation | Divorced | 25818.0 | 1 |
| <b>2120</b> | 10067 | 1976 | Master     | Together | 37509.0 | 1 |
| <b>2121</b> | 10067 | 1976 | 2n Cycle   | Together | 25176.0 | 1 |
| <b>2122</b> | 7532  | 1980 | Graduation | Married  | 43586.0 | 0 |
| <b>2123</b> | 4915  | 1956 | 2n Cycle   | Married  | 53230.0 | 0 |

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|             |       |      |            |          |          |   |
|-------------|-------|------|------------|----------|----------|---|
| <b>2113</b> | 2113  | 1956 | 2n Cycle   | Married  | 55259.0  | 0 |
| <b>2124</b> | 2115  | 1957 | Graduation | Together | 50116.0  | 1 |
| <b>2125</b> | 2088  | 1972 | Graduation | Together | 84906.0  | 0 |
| <b>2126</b> | 2493  | 1966 | Graduation | Married  | 61286.0  | 0 |
| <b>2127</b> | 6292  | 1986 | PhD        | Married  | 82333.0  | 0 |
| <b>2128</b> | 1631  | 1965 | PhD        | Together | 65220.0  | 0 |
| <b>2129</b> | 10104 | 1974 | Graduation | Together | 33590.0  | 2 |
| <b>2130</b> | 3006  | 1976 | Graduation | Divorced | 30992.0  | 1 |
| <b>2131</b> | 3919  | 1976 | Master     | Single   | 72309.0  | 0 |
| <b>2132</b> | 11181 | 1949 | PhD        | Married  | 156924.0 | 0 |
| <b>2133</b> | 642   | 1980 | Basic      | Married  | 16005.0  | 1 |
| <b>2134</b> | 4369  | 1957 | Master     | Absurd   | 65487.0  | 0 |
| <b>2135</b> | 10127 | 1965 | Graduation | Married  | 58692.0  | 0 |
| <b>2136</b> | 271   | 1969 | Graduation | Widow    | 40590.0  | 1 |
| <b>2137</b> | 4973  | 1970 | Graduation | Single   | 20587.0  | 1 |
| <b>2138</b> | 2948  | 1954 | Master     | Divorced | 62637.0  | 0 |
| <b>2139</b> | 2715  | 1966 | Master     | Divorced | 29435.0  | 1 |
| <b>2140</b> | 10432 | 1974 | Graduation | Divorced | 19346.0  | 1 |
| <b>2141</b> | 9216  | 1971 | Graduation | Married  | 35788.0  | 1 |
| <b>2142</b> | 7124  | 1968 | Graduation | Divorced | 36997.0  | 1 |
| <b>2143</b> | 9727  | 1957 | Graduation | Married  | 23539.0  | 0 |
| <b>2144</b> | 5136  | 1973 | Graduation | Single   | 65333.0  | 0 |
| <b>2145</b> | 9790  | 1957 | Graduation | Single   | 78499.0  | 0 |
| <b>2146</b> | 1818  | 1971 | PhD        | Together | 29732.0  | 1 |
| <b>2147</b> | 1100  | 1960 | Master     | Together | 41275.0  | 1 |
| <b>2148</b> | 7873  | 1973 | PhD        | Together | 63516.0  | 1 |
| <b>2149</b> | 10609 | 1962 | PhD        | Married  | 42769.0  | 0 |
| <b>2150</b> | 6950  | 1958 | Master     | Married  | 49572.0  | 1 |
| <b>2151</b> | 7233  | 1972 | Graduation | Married  | 69209.0  | 0 |
| <b>2152</b> | 9481  | 1976 | Graduation | Married  | 17148.0  | 1 |
|             |       |      | Graduation | Widow    | 40590.0  | 1 |
| <b>2154</b> | 2711  | 1976 | Master     | Together | 30560.0  | 1 |
| <b>2155</b> | 8933  | 1983 | 2n Cycle   | Married  | 32146.0  | 1 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>2156</b> | 8726  | 1964 | 2n Cycle   | Divorced | 41713.0 | 1 |
| <b>2157</b> | 1515  | 1975 | Master     | Together | 34176.0 | 0 |
| <b>2158</b> | 5186  | 1955 | PhD        | Married  | 58482.0 | 0 |
| <b>2159</b> | 10157 | 1965 | Graduation | Single   | 59686.0 | 0 |
| <b>2160</b> | 5667  | 1964 | PhD        | Married  | 60896.0 | 0 |
| <b>2161</b> | 902   | 1980 | Graduation | Together | 62994.0 | 1 |
| <b>2162</b> | 977   | 1957 | Graduation | Together | 47320.0 | 0 |
| <b>2163</b> | 7313  | 1949 | 2n Cycle   | Widow    | 74859.0 | 0 |
| <b>2164</b> | 7600  | 1992 | Basic      | Single   | 15253.0 | 1 |
| <b>2165</b> | 9706  | 1974 | PhD        | Single   | 31560.0 | 1 |
| <b>2166</b> | 2429  | 1954 | Graduation | Divorced | 72071.0 | 0 |
| <b>2167</b> | 3520  | 1990 | Master     | Single   | 91172.0 | 0 |
| <b>2168</b> | 10394 | 1984 | Graduation | Married  | 90000.0 | 0 |
| <b>2169</b> | 4548  | 1981 | Graduation | Single   | 41967.0 | 1 |
| <b>2170</b> | 9362  | 1965 | Graduation | Single   | 69263.0 | 0 |
| <b>2171</b> | 3968  | 1970 | 2n Cycle   | Divorced | 65706.0 | 0 |
| <b>2172</b> | 4084  | 1975 | Graduation | Together | 60934.0 | 0 |
| <b>2173</b> | 6721  | 1951 | Graduation | Married  | 71965.0 | 0 |
| <b>2174</b> | 2829  | 1955 | Graduation | Married  | 65210.0 | 0 |
| <b>2175</b> | 1772  | 1975 | PhD        | Married  | 79174.0 | 0 |
| <b>2176</b> | 1544  | 1967 | Master     | Divorced | 81380.0 | 0 |
| <b>2177</b> | 492   | 1973 | PhD        | YOLO     | 48432.0 | 0 |
| <b>2178</b> | 4377  | 1971 | Graduation | Married  | 52914.0 | 0 |
| <b>2179</b> | 4541  | 1955 | Graduation | Together | 38946.0 | 0 |
| <b>2180</b> | 1321  | 1974 | Graduation | Married  | 26067.0 | 1 |
| <b>2181</b> | 8858  | 1972 | PhD        | Married  | 44325.0 | 0 |
| <b>2182</b> | 3266  | 1964 | Graduation | Married  | 42523.0 | 0 |
| <b>2183</b> | 11187 | 1978 | Basic      | Single   | 26487.0 | 1 |
| <b>2184</b> | 8207  | 1957 | 2n Cycle   | Married  | 53233.0 | 0 |
|             |       |      | Graduation | Married  | 67716.0 | 0 |
|             |       |      | Master     | Married  | 76234.0 | 0 |
| <b>2187</b> | 5721  | 1956 | PhD        | Married  | 84117.0 | 0 |
| <b>2188</b> | 10652 | 1957 | Master     | Together | 65487.0 | 0 |

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|             |       |      |            |          |         |   |
|-------------|-------|------|------------|----------|---------|---|
| <b>2189</b> | 1646  | 1972 | Basic      | Married  | 25224.0 | 1 |
| <b>2190</b> | 4418  | 1983 | Master     | Single   | 89616.0 | 0 |
| <b>2191</b> | 2656  | 1971 | Graduation | Divorced | 40851.0 | 1 |
| <b>2192</b> | 7990  | 1947 | Graduation | Married  | 27469.0 | 0 |
| <b>2193</b> | 8722  | 1957 | 2n Cycle   | Married  | 82347.0 | 0 |
| <b>2194</b> | 7118  | 1957 | Graduation | Married  | 73803.0 | 0 |
| <b>2195</b> | 2980  | 1952 | Master     | Single   | 8820.0  | 1 |
| <b>2196</b> | 1839  | 1974 | Graduation | Single   | 43322.0 | 0 |
| <b>2197</b> | 10722 | 1973 | Graduation | Together | 55593.0 | 0 |
| <b>2198</b> | 2632  | 1954 | Graduation | Married  | 50501.0 | 1 |
| <b>2199</b> | 9014  | 1975 | Graduation | Married  | 37085.0 | 1 |
| <b>2200</b> | 7620  | 1990 | Basic      | Single   | 16185.0 | 1 |
| <b>2201</b> | 10968 | 1969 | Graduation | Single   | 57731.0 | 0 |
| <b>2202</b> | 11133 | 1973 | PhD        | YOLO     | 48432.0 | 0 |
| <b>2203</b> | 2736  | 1978 | Graduation | Married  | 73807.0 | 0 |
| <b>2204</b> | 1876  | 1990 | Graduation | Married  | 18929.0 | 0 |
| <b>2205</b> | 5959  | 1968 | Graduation | Single   | 35893.0 | 1 |
| <b>2206</b> | 1092  | 1980 | Graduation | Married  | 61014.0 | 0 |
| <b>2207</b> | 4333  | 1954 | Graduation | Together | 32144.0 | 1 |
| <b>2208</b> | 3850  | 1963 | Basic      | Together | 14918.0 | 0 |
| <b>2209</b> | 6168  | 1963 | Graduation | Divorced | 45146.0 | 1 |
| <b>2210</b> | 607   | 1955 | 2n Cycle   | Divorced | 41769.0 | 0 |
| <b>2211</b> | 10469 | 1981 | Graduation | Together | 88325.0 | 0 |
| <b>2212</b> | 6983  | 1950 | Master     | Divorced | 38054.0 | 1 |
| <b>2213</b> | 3661  | 1995 | 2n Cycle   | Single   | 80617.0 | 0 |
| <b>2214</b> | 9303  | 1976 | Graduation | Married  | 5305.0  | 0 |
| <b>2215</b> | 692   | 1954 | Graduation | Together | 36807.0 | 1 |
| <b>2216</b> | 736   | 1983 | Graduation | Together | 28427.0 | 1 |
| <b>2217</b> | 9589  | 1948 | PhD        | Widow    | 82032.0 | 0 |
| <b>2218</b> | 5240  | 1983 | Graduation | Together | 22775.0 | 1 |
| <b>2219</b> | 5240  | 1983 | Master     | Together | 40101.0 | 1 |
| <b>2220</b> | 6261  | 1979 | Graduation | Married  | 58025.0 | 0 |
| <b>2221</b> | 7366  | 1982 | Master     | Single   | 75777.0 | 0 |

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|      |       |      |            |          |         |   |
|------|-------|------|------------|----------|---------|---|
| 2222 | 10659 | 1979 | 2n Cycle   | Together | 7500.0  | 1 |
| 2223 | 1448  | 1963 | Master     | Married  | 33562.0 | 1 |
| 2224 | 4286  | 1970 | PhD        | Single   | 57642.0 | 0 |
| 2225 | 4749  | 1968 | Graduation | Together | 58554.0 | 1 |
| 2226 | 4478  | 1979 | Graduation | Married  | 63777.0 | 1 |
| 2227 | 4201  | 1962 | Graduation | Single   | 57967.0 | 0 |
| 2228 | 8720  | 1978 | 2n Cycle   | Together | NaN     | 0 |
| 2229 | 10084 | 1972 | Graduation | Married  | 24434.0 | 2 |
| 2230 | 7004  | 1984 | Graduation | Single   | 11012.0 | 1 |
| 2231 | 9817  | 1970 | Master     | Single   | 44802.0 | 0 |
| 2232 | 8080  | 1986 | Graduation | Single   | 26816.0 | 0 |
| 2233 | 9432  | 1977 | Graduation | Together | 66666.0 | 1 |
| 2234 | 8372  | 1974 | Graduation | Married  | 34421.0 | 1 |
| 2235 | 10870 | 1967 | Graduation | Married  | 61223.0 | 0 |
| 2236 | 4001  | 1946 | PhD        | Together | 64014.0 | 2 |
| 2237 | 7270  | 1981 | Graduation | Divorced | 56981.0 | 0 |
| 2238 | 8235  | 1956 | Master     | Together | 69245.0 | 0 |
| 2239 | 9405  | 1954 | PhD        | Married  | 52869.0 | 1 |

# Shape of the dataset

```
print("Shape of the DataFrame is :",customer_data.shape)
```

Shape of the DataFrame is : (2240, 29)

# printing the first 5 rows of the dataframe

```
customer_data.head()
```

|   | ID   | Year_Birth | Education  | Marital_Status | Income  | Kidhome | Teenhome |
|---|------|------------|------------|----------------|---------|---------|----------|
| 0 | 5524 | 1957       | Graduation | Single         | 58138.0 | 0       | 0        |
| 1 | 4141 | 1965       | Graduation | Single         | 46344.0 | 1       | 1        |
| 2 | 4141 | 1965       | Graduation | Together       | 71613.0 | 0       | 0        |
| 3 | 6182 | 1984       | Graduation | Together       | 26646.0 | 1       | 0        |
| 4 | 5324 | 1981       | PhD        | Married        | 58293.0 | 1       | 0        |

```
# Print the complete information about the data set
print("Print a Summary of a Dataframe is :",customer_data.info
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 2240 entries, 0 to 2239
Data columns (total 29 columns):
 #   Column                Non-Null Count  Dtype
---  -
 0   ID                    2240 non-null   int64
 1   Year_Birth            2240 non-null   int64
 2   Education             2240 non-null   object
 3   Marital_Status        2240 non-null   object
 4   Income                2216 non-null   float64
 5   Kidhome               2240 non-null   int64
 6   Teenhome              2240 non-null   int64
 7   Dt_Customer           2240 non-null   object
 8   Recency               2240 non-null   int64
 9   MntWines              2240 non-null   int64
10   MntFruits             2240 non-null   int64
11   MntMeatProducts       2240 non-null   int64
12   MntFishProducts       2240 non-null   int64
13   MntSweetProducts      2240 non-null   int64
14   MntGoldProds          2240 non-null   int64
15   NumDealsPurchases     2240 non-null   int64
16   NumWebPurchases       2240 non-null   int64
17   NumCatalogPurchases  2240 non-null   int64
18   NumStorePurchases     2240 non-null   int64
19   NumWebVisitsMonth     2240 non-null   int64
20   AcceptedCmp3          2240 non-null   int64
21   AcceptedCmp4          2240 non-null   int64
22   AcceptedCmp5          2240 non-null   int64
23   AcceptedCmp1          2240 non-null   int64
24   AcceptedCmp2          2240 non-null   int64
25   Complain              2240 non-null   int64
26   Z_CostContact         2240 non-null   int64
27   Z_Revenue             2240 non-null   int64
28   Response              2240 non-null   int64
dtypes: float64(1), int64(25), object(3)
memory usage: 507.6+ KB
Print a Summary of a Dataframe is : None
```

```
# get some statistical information
customer_data.describe().T
```

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|            | count  | mean         | std          | min    | 25%      |
|------------|--------|--------------|--------------|--------|----------|
| ID         | 2240.0 | 5592.159821  | 3246.662198  | 0.0    | 2828.25  |
| Year_Birth | 2240.0 | 1968.805804  | 11.984069    | 1893.0 | 1959.00  |
| Income     | 2216.0 | 52247.251354 | 25173.076661 | 1730.0 | 35303.00 |

|                            |        |            |            |      |       |
|----------------------------|--------|------------|------------|------|-------|
| <b>Kidhome</b>             | 2240.0 | 0.444196   | 0.538398   | 0.0  | 0.00  |
| <b>Teenhome</b>            | 2240.0 | 0.506250   | 0.544538   | 0.0  | 0.00  |
| <b>Recency</b>             | 2240.0 | 49.109375  | 28.962453  | 0.0  | 24.00 |
| <b>MntWines</b>            | 2240.0 | 303.935714 | 336.597393 | 0.0  | 23.75 |
| <b>MntFruits</b>           | 2240.0 | 26.302232  | 39.773434  | 0.0  | 1.00  |
| <b>MntMeatProducts</b>     | 2240.0 | 166.950000 | 225.715373 | 0.0  | 16.00 |
| <b>MntFishProducts</b>     | 2240.0 | 37.525446  | 54.628979  | 0.0  | 3.00  |
| <b>MntSweetProducts</b>    | 2240.0 | 27.062946  | 41.280498  | 0.0  | 1.00  |
| <b>MntGoldProds</b>        | 2240.0 | 44.021875  | 52.167439  | 0.0  | 9.00  |
| <b>NumDealsPurchases</b>   | 2240.0 | 2.325000   | 1.932238   | 0.0  | 1.00  |
| <b>NumWebPurchases</b>     | 2240.0 | 4.084821   | 2.778714   | 0.0  | 2.00  |
| <b>NumCatalogPurchases</b> | 2240.0 | 2.662054   | 2.923101   | 0.0  | 0.00  |
| <b>NumStorePurchases</b>   | 2240.0 | 5.790179   | 3.250958   | 0.0  | 3.00  |
| <b>NumWebVisitsMonth</b>   | 2240.0 | 5.316518   | 2.426645   | 0.0  | 3.00  |
| <b>AcceptedCmp3</b>        | 2240.0 | 0.072768   | 0.259813   | 0.0  | 0.00  |
| <b>AcceptedCmp4</b>        | 2240.0 | 0.074554   | 0.262728   | 0.0  | 0.00  |
| <b>AcceptedCmp5</b>        | 2240.0 | 0.072768   | 0.259813   | 0.0  | 0.00  |
| <b>AcceptedCmp1</b>        | 2240.0 | 0.064286   | 0.245316   | 0.0  | 0.00  |
| <b>AcceptedCmp2</b>        | 2240.0 | 0.013393   | 0.114976   | 0.0  | 0.00  |
| <b>Complain</b>            | 2240.0 | 0.009375   | 0.096391   | 0.0  | 0.00  |
| <b>Z_CostContact</b>       | 2240.0 | 3.000000   | 0.000000   | 3.0  | 3.00  |
| <b>Z_Revenue</b>           | 2240.0 | 11.000000  | 0.000000   | 11.0 | 11.00 |
| <b>Response</b>            | 2240.0 | 0.149107   | 0.356274   | 0.0  | 0.00  |

customer\_data.corr()

|                   | ID        | Year_Birth | Income    | Kidhome   | Teenhome  |
|-------------------|-----------|------------|-----------|-----------|-----------|
| <b>ID</b>         | 1.000000  | 0.000028   | 0.013095  | 0.002406  | -0.002580 |
| <b>Year_Birth</b> | 0.000028  | 1.000000   | -0.161791 | 0.230176  | -0.352111 |
|                   | 3095      | -0.161791  | 1.000000  | -0.428669 | 0.019133  |
|                   | 2406      | 0.230176   | -0.428669 | 1.000000  | -0.036133 |
| <b>Teenhome</b>   | -0.002580 | -0.352111  | 0.019133  | -0.036133 | 1.000000  |
| <b>Recency</b>    | -0.046524 | -0.019871  | -0.003970 | 0.008827  | 0.016198  |

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|                            |           |           |           |           |           |
|----------------------------|-----------|-----------|-----------|-----------|-----------|
| <b>MntWines</b>            | -0.022878 | -0.157773 | 0.578650  | -0.496297 | 0.004846  |
| <b>MntFruits</b>           | 0.004600  | -0.017917 | 0.430842  | -0.372581 | -0.176764 |
| <b>MntMeatProducts</b>     | -0.004437 | -0.030872 | 0.584633  | -0.437129 | -0.261160 |
| <b>MntFishProducts</b>     | -0.024475 | -0.041625 | 0.438871  | -0.387644 | -0.204187 |
| <b>MntSweetProducts</b>    | -0.007642 | -0.018133 | 0.440744  | -0.370673 | -0.162475 |
| <b>MntGoldProds</b>        | -0.013438 | -0.061818 | 0.325916  | -0.349595 | -0.021725 |
| <b>NumDealsPurchases</b>   | -0.037166 | -0.060846 | -0.083101 | 0.221798  | 0.387741  |
| <b>NumWebPurchases</b>     | -0.018924 | -0.145040 | 0.387878  | -0.361647 | 0.155500  |
| <b>NumCatalogPurchases</b> | -0.003440 | -0.121275 | 0.589162  | -0.502237 | -0.110769 |
| <b>NumStorePurchases</b>   | -0.014927 | -0.128272 | 0.529362  | -0.499683 | 0.050695  |
| <b>NumWebVisitsMonth</b>   | -0.007446 | 0.121139  | -0.553088 | 0.447846  | 0.134884  |
| <b>AcceptedCmp3</b>        | -0.036040 | 0.061774  | -0.016174 | 0.014674  | -0.042677 |
| <b>AcceptedCmp4</b>        | -0.025387 | -0.060510 | 0.184400  | -0.161600 | 0.038886  |
| <b>AcceptedCmp5</b>        | -0.007517 | 0.007123  | 0.335943  | -0.205634 | -0.191050 |
| <b>AcceptedCmp1</b>        | -0.021614 | -0.005930 | 0.276820  | -0.172339 | -0.140090 |
| <b>AcceptedCmp2</b>        | -0.015061 | -0.006539 | 0.087545  | -0.081716 | -0.015605 |
| <b>Complain</b>            | 0.033883  | -0.030128 | -0.027225 | 0.040207  | 0.003138  |
| <b>Z_CostContact</b>       | NaN       | NaN       | NaN       | NaN       | NaN       |
| <b>Z_Revenue</b>           | NaN       | NaN       | NaN       | NaN       | NaN       |
| <b>Response</b>            | -0.021968 | 0.021325  | 0.133047  | -0.080008 | -0.154446 |

#Detecting the missing values  
customer\_data.isna().sum()

|                |    |
|----------------|----|
| ID             | 0  |
| Year_Birth     | 0  |
| Education      | 0  |
| Marital_Status | 0  |
| Income         | 24 |
| Kidhome        | 0  |
| Teenhome       | 0  |

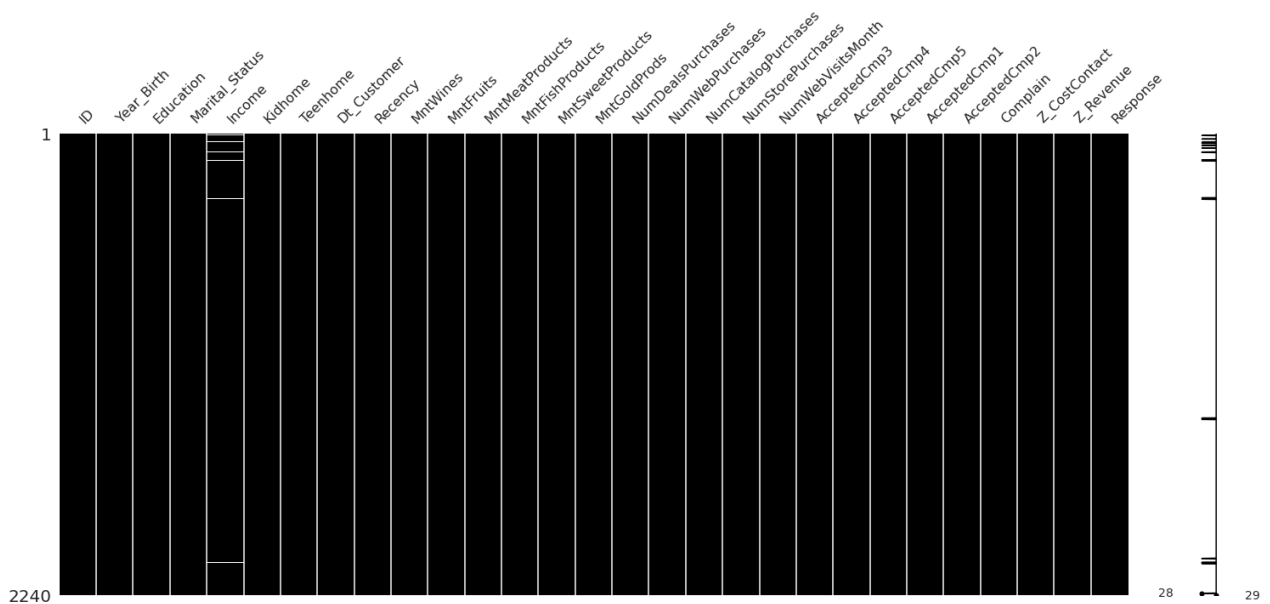
Creating a copy...

|                  |   |
|------------------|---|
| MntFruits        | 0 |
| MntMeatProducts  | 0 |
| MntFishProducts  | 0 |
| MntSweetProducts | 0 |

```
MntGoldProds          0
NumDealsPurchases     0
NumWebPurchases       0
NumCatalogPurchases  0
NumStorePurchases     0
NumWebVisitsMonth     0
AcceptedCmp3          0
AcceptedCmp4          0
AcceptedCmp5          0
AcceptedCmp1          0
AcceptedCmp2          0
Complain              0
Z_CostContact         0
Z_Revenue             0
Response              0
dtype: int64
```

```
# Visualization of missing values in the dataset
import missingno as mn
mn.matrix(customer_data,color = (0,0,0))
```

<Axes: >



Creating a copy...



```
#Fill the missing values with the Median values
customer_data['Income']=customer_data['Income'].fillna(custome

#Checking if any Nan is present in column or not
customer_data.isna().any()
```

|                     |       |
|---------------------|-------|
| ID                  | False |
| Year_Birth          | False |
| Education           | False |
| Marital_Status      | False |
| Income              | False |
| Kidhome             | False |
| Teenhome            | False |
| Dt_Customer         | False |
| Recency             | False |
| MntWines            | False |
| MntFruits           | False |
| MntMeatProducts     | False |
| MntFishProducts     | False |
| MntSweetProducts    | False |
| MntGoldProds        | False |
| NumDealsPurchases   | False |
| NumWebPurchases     | False |
| NumCatalogPurchases | False |
| NumStorePurchases   | False |
| NumWebVisitsMonth   | False |
| AcceptedCmp3        | False |
| AcceptedCmp4        | False |
| AcceptedCmp5        | False |
| AcceptedCmp1        | False |
| AcceptedCmp2        | False |
| Complain            | False |
| Z_CostContact       | False |
| Z_Revenue           | False |
| Response            | False |
| dtype: bool         |       |

```
#Detecting the duplicates
customer_data[customer_data.duplicated()]
```

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Marital\_Status Income Kidhome Teenhome Dt\_Cu

#Finding the number of unique values present in each column

```
customer_data.nunique()
```

```
ID          2240
Year_Birth   59
Education     5
Marital_Status 8
Income      1975
Kidhome       3
Teenhome      3
Dt_Customer  663
Recency      100
MntWines     776
MntFruits    158
MntMeatProducts 558
MntFishProducts 182
MntSweetProducts 177
MntGoldProds 213
NumDealsPurchases 15
NumWebPurchases 15
NumCatalogPurchases 14
NumStorePurchases 14
NumWebVisitsMonth 16
AcceptedCmp3    2
AcceptedCmp4    2
AcceptedCmp5    2
AcceptedCmp1    2
AcceptedCmp2    2
Complain        2
Z_CostContact    1
Z_Revenue        1
Response        2
dtype: int64
```

#Dropping the unwanted feature:

```
customer_data=customer_data.drop(columns=["Z_CostContact", "Z_I
customer_data.head()
```

|   | ID   | Year_Birth | Education  | Marital_Status | Income  | Kidhome | Teenhome |
|---|------|------------|------------|----------------|---------|---------|----------|
| 0 | 5524 | 1957       | Graduation | Single         | 58138.0 | 0       | 0        |
| 1 | 2174 | 1954       | Graduation | Single         | 46344.0 | 1       | 1        |
| 2 | 4141 | 1965       | Graduation | Together       | 71613.0 | 0       | 0        |
| 3 | 6182 | 1984       | Graduation | Together       | 26646.0 | 1       | 0        |
|   |      |            | hD         | Married        | 58293.0 | 1       | 0        |

Creating a copy...



# Univariate Analysis

## 1. Analysis on Year\_Birth Variable

```
#Checking number of unique categories present in the 'Year_Bir'
print("Unique categories present in the Year_Birth:",customer_
```

```
Unique categories present in the Year_Birth: 1976      89
```

```
1971      87
```

```
1975      83
```

```
1972      79
```

```
1978      77
```

```
1970      77
```

```
1973      74
```

```
1965      74
```

```
1969      71
```

```
1974      69
```

```
1956      55
```

```
1958      53
```

```
1979      53
```

```
1952      52
```

```
1977      52
```

```
1968      51
```

```
1959      51
```

```
1966      50
```

```
1954      50
```

```
1955      49
```

```
1960      49
```

```
1982      45
```

```
1963      45
```

```
1967      44
```

```
1962      44
```

```
1957      43
```

```
1951      43
```

```
1983      42
```

```
1986      42
```

```
1964      42
```

```
1980      39
```

```
1981      39
```

```
1984      38
```

```
1961      36
```

```
1953      35
```

```
1985      32
```

```
1989      30
```

```
1949      30
```

```
1950      29
```

Creating a copy...

```
1948      21
```

```
1990      18
```

```
1946      16
```

```
1947      16
```

```
1991      15
```

```

1991    13
1992    13
1945     8
1943     7
1944     7
1993     5
1995     5
1994     3
1996     2
1899     1
1941     1
1893     1
1900     1

```

## 2. Analysis On Education Variable

```
customer_data['Education'].unique()
```

```
array(['Graduation', 'PhD', 'Master', 'Basic', '2n Cycle'], dtype=object)
```

```
#Changing category into 'UG' and 'PG' only
```

```
customer_data['Education'] = customer_data['Education'].replace
```

```
customer_data['Education'] = customer_data['Education'].replace
```

```
#Checking Number of unique categories present in the 'Education'
```

```
print("Unique categories present in the Education:",customer_data
```

```
print('\n')
```

```
#Visualizing the "Education"
```

```
customer_data['Education'].value_counts().plot(kind='bar',color
```

```
plt.title("Frequency Of Each Category in the Education Variable
```

```
plt.figure(figsize=(8,8))
```

```
Unique categories present in the Education: Post Graduate      2186
```

```
Under Graduate        54
```

```
Name: Education, dtype: int64
```

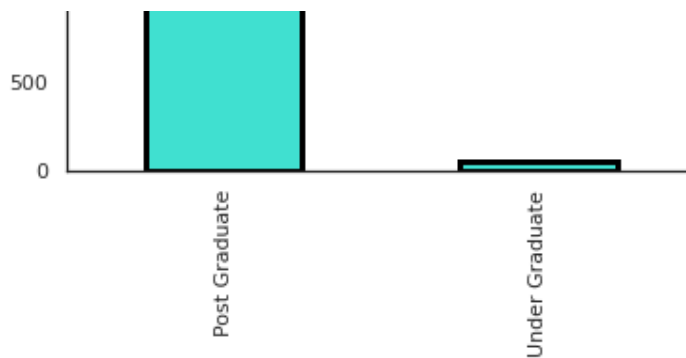
```
<Figure size 576x576 with 0 Axes>
```

Frequency Of Each Category in the Education Variable

Creating a copy...

1500

1000



<Figure size 576x576 with 0 Axes>

## OBSERVATIONS:-

97.58% of Customers in the dataset are "Post Graduate".

2.410% of Customers in the dataset are "Under Graduate"

## 3. Analysis On Marital\_Status Variable.

```
customer_data['Marital_Status'].unique()
```

```
array(['Single', 'Together', 'Married', 'Divorced', 'Widow', 'Alone',  
      'Absurd', 'YOLO'], dtype=object)
```

#Replacing the conflict values in Marital\_status..

```
customer_data['Marital_Status'] = customer_data['Marital_Status'].replace('Absurd', 'Single')  
customer_data['Marital_Status'] = customer_data['Marital_Status'].replace('YOLO', 'Single')
```

#Visualizing the "Marital\_Status"

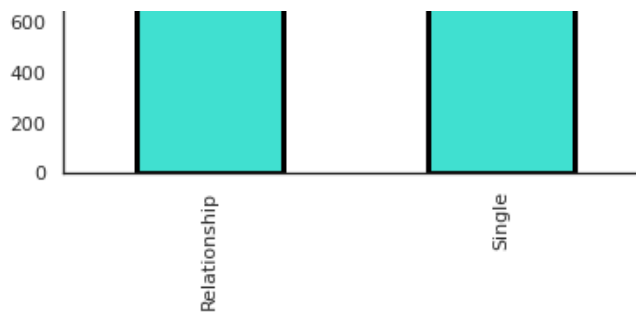
```
customer_data['Marital_Status'].value_counts().plot(kind='bar')  
plt.title("Frequency Of Each Category in the Marital_Status Variable")  
plt.figure(figsize=(8,8))
```

<Figure size 576x576 with 0 Axes>

Frequency Of Each Category in the Marital\_Status Variable

Creating a copy...





<Figure size 576x576 with 0 Axes>

## OBSERVATIONS:-

64.46% of Customers in the dataset are in "Relationship".

35.53% of Customers in the dataset are "Single"

## 4. Analysis On Income Variable

#Maximum Income

```
customer_data['Income'].max()
```

666666.0

#Minimum Income

```
customer_data['Income'].min()
```

1730.0

#AverageIncome

```
customer_data['Income'].mean()
```

52237.97544642857

```
plt.figure(figsize=(8,8))
```

```
sns.distplot(customer_data["Income"],color = 'turquoise')
```

Creating a copy...

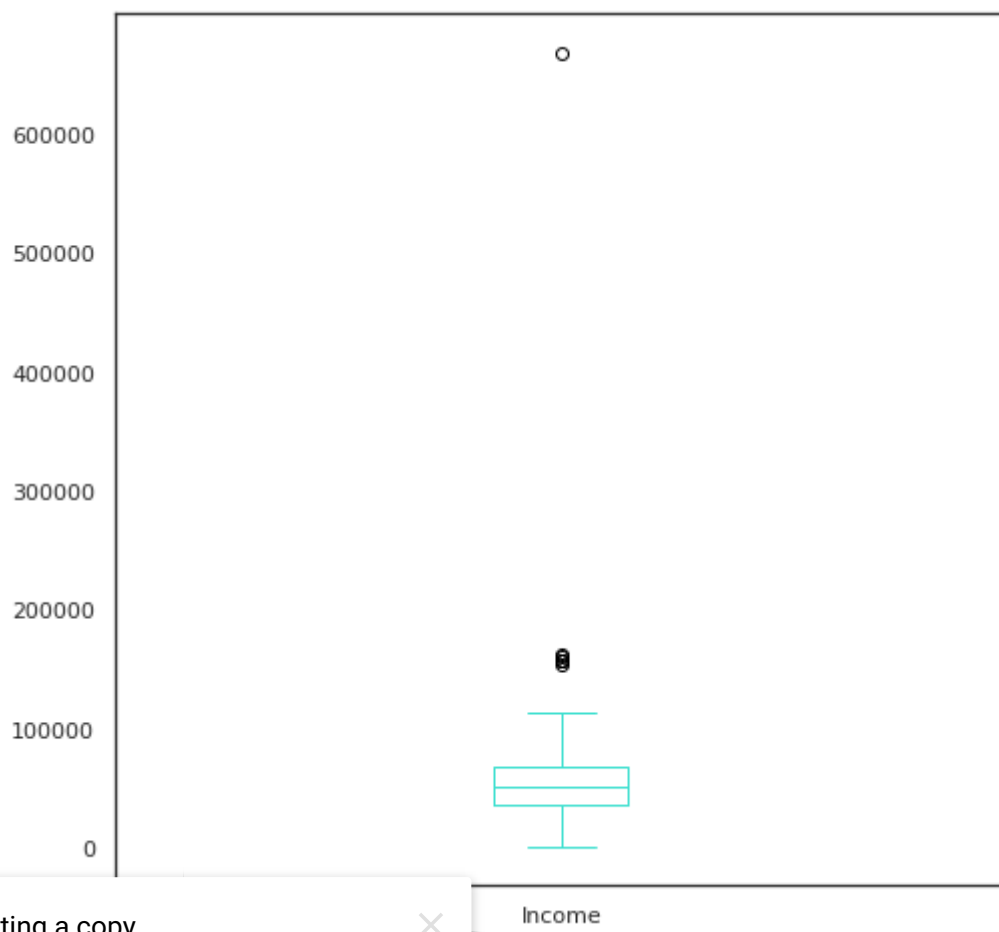
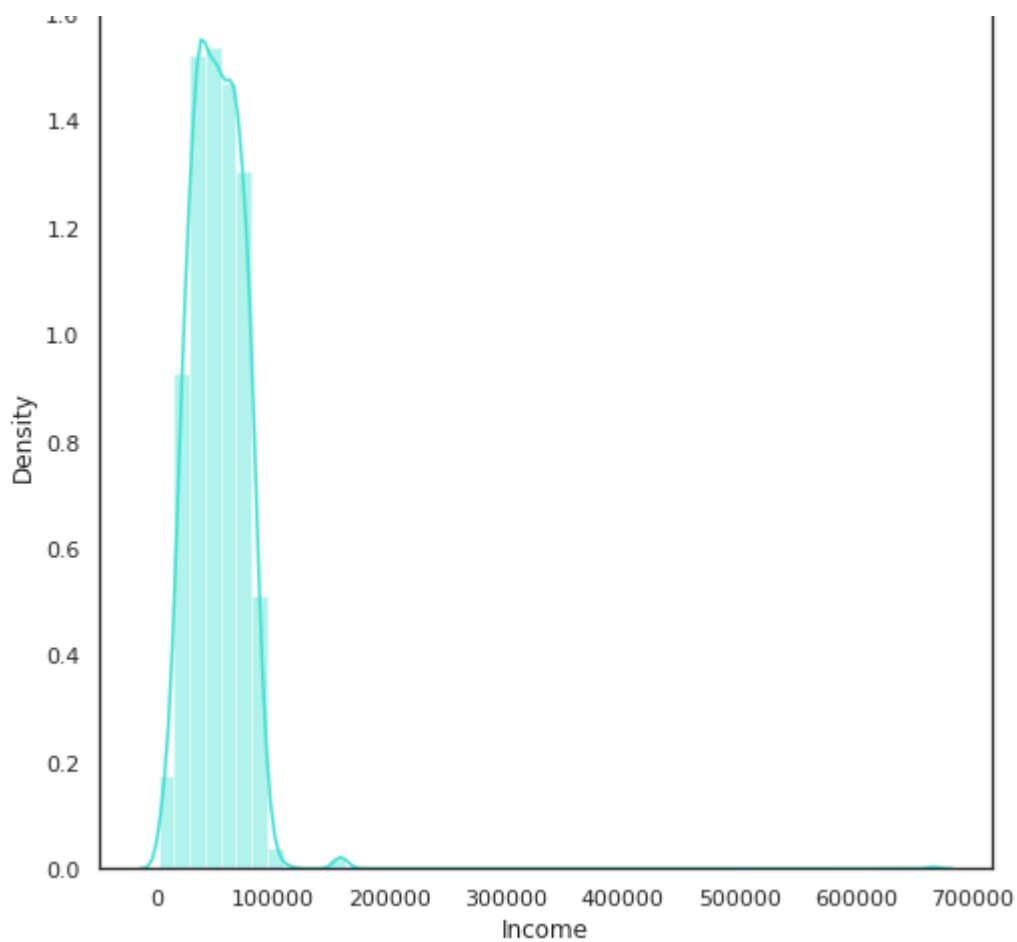


```
plt.box(figsize=(8,8),color = 'turquo:
```

```
plt.show()
```







Creating a copy...



## 5. Analysis On "Kidhome, Teenhome" Variable

```
customer_data['Kidhome'].unique()
```

```
array([0, 1, 2])
```

```
customer_data['Teenhome'].unique()
```

```
array([0, 1, 2])
```

```
# Combining different dataframe into a single column to reduce
```

```
customer_data['Kids'] = customer_data['Kidhome'] + customer_da
```

```
#Checking number of unique categories present in the kids
```

```
print("Unique categories present in the Kids:",customer_data['l  
print("\n")
```

```
#Visualizing the "Kids"
```

```
customer_data['Kids'].value_counts().plot(kind='bar',color = 'r'
```

```
plt.title("Frequency Of Each Category in the Kids Variable \n"
```

```
plt.figure(figsize=(8,8))
```

```
Unique categories present in the Kids: 1    1128
```

```
0     638
```

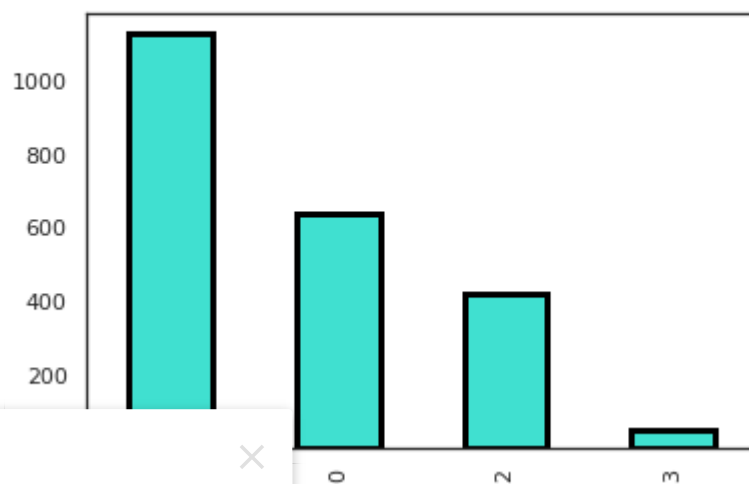
```
2     421
```

```
3      53
```

```
Name: Kids, dtype: int64
```

```
<Figure size 576x576 with 0 Axes>
```

Frequency Of Each Category in the Kids Variable



Creating a copy...

```
<Figure size 576x576 with 0 Axes>
```

**OBSERVATIONS :-**

**OBSERVATIONS :**

50.35% of Customers in the dataset have 1 kid.

28.48% of Customers in the dataset have no kids.

18.79% of Customers in the dataset have 2 kids.

2.36% of Customers in the dataset have 3 kids

6. Analysis On "MntWines, MntMeatProducts, , MntFishProducts, MntSweetProducts MntGoldProds" Variable.

```
customer_data['MntWines'].unique()
```

```
array([ 635,  11,  426,  173,  520,  235,  76,  14,  28,  5,  6,
        194, 233,   3, 1006,  53,  84, 1012,  4,  86,  1, 867,
        384, 270,  36,  684,   8, 112,  110,  96, 482, 40, 702,
         55, 437, 421,  13,   9,  81,  123,  48, 826, 245, 650,
         12, 510, 328, 984, 295, 447,  712, 452, 523, 546, 398,
         10, 688, 247, 856, 496,  25, 258, 565,  2, 721, 1032,
        577,  64, 163,  17, 130, 292, 350, 135, 230,  7, 445,
         15,  27, 505,  51, 207,  41, 386, 562, 217, 144, 454,
        425, 1332, 527, 490, 378, 547,  47, 320,  34, 722, 162,
        450,  70, 352, 492, 120, 534, 236, 231, 220, 796,   0,
        962, 738, 399, 614,  32, 598,  73,  42, 346, 888, 997,
        212, 536, 1349, 1001,  20,  18, 125, 277,  85,  59, 1149,
        847,  29, 152, 620,  35, 356, 783, 466,  23, 656, 519,
        344, 448, 265, 587, 763,  22,  54, 1170,  72, 613, 224,
        410, 239, 171, 1076, 182, 824,  30, 377, 155, 897, 131,
        297, 787, 792, 983, 415, 901, 382, 559, 789, 1218, 925,
        864, 960,  16, 168,  45,  24, 918, 138, 554, 167, 177,
         38, 483,  77, 778,  33, 625, 216,  68, 196, 204,  26,
        304, 285, 395, 248,  39, 777, 1241,  65, 801, 513,  37,
         80, 525, 675, 509, 154, 861, 768, 185,  44,  91, 412,
        731, 424,  21, 909, 317, 797, 755, 456, 1103, 189, 495,
       1048,  78, 561, 629, 269, 736, 512,  19, 404, 333, 833,
        159, 977,  57, 1043,  43, 314, 571, 866, 594, 140, 375,
        102, 919, 610,  67, 416, 370, 407, 1200, 583, 966, 822,
           0, 1248, 515, 438,  31, 357, 400,  99,
           7, 164, 606, 116, 143, 522, 161, 1239,
        535,  55,  55,  746, 478, 451, 371, 281, 213, 502, 691,
        504, 1396, 529, 388, 1047, 815, 225, 493, 127, 325, 238,
       1168, 284, 1288, 227, 1035, 982, 179, 1379, 881, 1000, 206,
        619, 172, 464,  63, 252, 1478, 198, 458,  90, 308, 557,
       1407, 240, 465, 120, 174, 747,  98, 200, 1050, 117,  56
```

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```

1752, 275, 703, 123, 177, 777, 30, 200, 1030, 117, 30,
145, 203, 46, 1060, 264, 817, 526, 88, 101, 389, 215,
390, 1181, 603, 514, 387, 121, 965, 707, 586, 1063, 305,
1009, 315, 757, 219, 111, 100, 418, 327, 275, 1004, 187,
365, 595, 1132, 372, 899, 760, 260, 459, 92, 273, 434,
321, 1184, 537, 664, 299, 749, 345, 440, 670, 524, 597,
294, 349, 1126, 967, 432, 948, 307, 283, 769, 518, 709,
359, 799, 895, 647, 301, 180, 794, 392, 107, 680, 324,
229, 521, 184, 183, 479, 584, 627, 330, 1039, 411, 623,
393, 376, 642, 840, 752, 1279, 860, 351, 336, 191, 362,
724, 605, 104, 556, 408, 374, 600, 243, 1308, 379, 889,
852, 205, 255, 825, 316, 756, 181, 151, 494, 953, 770,
741, 156, 812, 871, 471, 819, 354, 1253, 588, 480, 517,
267, 1111, 1166, 261, 711, 79, 115, 263, 69, 97, 197,
693, 186, 829, 318, 1206, 729, 674, 1023, 1394, 311, 1296,
218, 66, 795, 244, 158, 223, 157, 397, 1230, 986, 61,
201, 806, 380, 576, 403, 463, 75, 538, 1315, 347, 192,
241, 631, 1099, 743, 124, 530, 1215, 444, 473, 288, 234,
251, 652, 938, 105, 574, 160, 211, 391, 199, 516, 1224,
508, 381, 74, 146, 165, 957, 176, 717, 1067, 166, 714,
735, 342, 658, 457, 210, 441, 476, 364, 863, 1156, 373,
134, 1148, 108, 816, 1298, 87, 964, 572, 341, 221, 291,
544, 309, 972, 279, 132, 62, 952, 618, 303, 95, 790,
882, 615, 133, 293, 313, 1142, 489, 630, 420, 1090, 737,
254, 113, 462, 968, 52, 545, 558, 266, 1074, 771, 202,
209, 779, 170, 491, 1205, 774, 82, 358, 139, 274, 262,
641, 823, 368, 488, 543, 689, 280, 992, 622, 329, 296,
422, 703, 1302, 153, 290, 443, 846, 169, 460, 944, 553,

```

```
customer_data['MntFruits'].unique()
```

```

array([ 88,  1, 49,  4, 43, 42, 65, 10,  0,  5, 16, 61,  2,
        14, 22, 80, 17,  3, 100, 12, 34,  8, 76, 11, 164, 18,
         6, 50, 19, 37, 120,  9, 51, 35, 26,  7, 40, 59, 36,
       107, 111, 105, 23, 60, 46, 172, 81, 106, 194, 115, 44, 99,
        90, 48, 27, 33, 133, 58, 28, 21, 20, 162, 71, 66, 30,
       189, 138, 29, 24, 32, 86, 114, 153, 64, 134, 148, 47, 41,
        84, 74, 129, 15, 98, 183, 147, 144, 104, 91, 163, 152, 53,
        68, 137, 190, 38, 70, 96, 25, 13, 83, 92, 73, 155, 54,
       151, 85, 127, 63, 45, 103, 69, 89, 181, 112, 159, 102, 123,
       166, 142, 79, 39, 31, 178, 93, 97, 168, 174, 122, 199, 62,
        55, 101, 67, 117, 108, 57, 130, 161, 56, 124, 126, 75, 185,
        72, 87, 197, 82, 184, 160, 77, 140, 131, 132, 169, 193, 149,
       143, 154])

```

```
customer_data['MntMeatProducts'].unique()
```

```

array([ 546,  6, 127, 20, 118, 98, 164, 56, 24, 11, 480,
        53, 17, 115, 19, 38, 498, 73, 1725, 86, 102, 27,
        25, 30,  3, 42, 801, 10, 44,  5, 96, 471, 151,
        14, 206, 536, 29, 50, 266, 15, 48, 317, 125, 780,
         2,  8, 22, 28, 538, 134, 367,  1,
         0, 43, 291, 65, 13, 925, 779, 64,
        50, 127, 10, 57, 568, 39, 192, 359, 26,  7, 447,
        92, 183, 276, 690, 32, 271, 31, 106, 292, 311, 21,
       101, 812, 94, 133, 951, 110, 47, 189, 196, 33, 590,
        34, 12, 921, 232, 756, 132, 41, 141, 18, 90, 78,
        57, 269, 69, 387, 249, 49, 240, 1582, 305, 449, 119,

```

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```

195, 2, 107, 537, 45, 813, 79, 553, 337, 138, 113,
320, 319, 59, 554, 171, 4, 417, 162, 540, 154, 207,
204, 740, 9, 137, 184, 464, 757, 503, 272, 179, 768,
444, 52, 353, 87, 215, 62, 71, 398, 35, 298, 499,
23, 40, 99, 224, 396, 512, 100, 149, 230, 242, 565,
81, 573, 80, 263, 46, 93, 112, 400, 461, 561, 128,
172, 275, 218, 247, 293, 570, 562, 832, 379, 255, 455,
514, 410, 217, 785, 177, 818, 83, 160, 815, 549, 142,
253, 97, 786, 61, 335, 63, 505, 74, 221, 54, 591,
282, 108, 103, 716, 792, 297, 349, 235, 181, 82, 322,
161, 364, 974, 72, 60, 257, 420, 413, 166, 384, 193,
84, 114, 109, 594, 88, 389, 131, 265, 356, 140, 239,
324, 66, 300, 408, 55, 613, 670, 351, 216, 153, 67,
260, 403, 252, 520, 761, 287, 940, 259, 144, 530, 188,
797, 635, 168, 135, 519, 592, 76, 248, 169, 323, 507,
572, 129, 199, 732, 713, 279, 250, 653, 758, 104, 152,
711, 213, 428, 122, 194, 145, 117, 123, 435, 126, 838,
1622, 559, 178, 388, 278, 352, 201, 294, 501, 368, 597,
706, 77, 211, 617, 341, 497, 360, 345, 372, 742, 689,
374, 314, 375, 223, 391, 898, 348, 243, 91, 392, 522,
186, 446, 136, 212, 228, 470, 256, 747, 226, 804, 476,
409, 156, 274, 774, 431, 929, 399, 845, 303, 116, 350,
89, 267, 500, 569, 685, 354, 493, 405, 873, 674, 523,
890, 473, 704, 466, 510, 238, 606, 790, 51, 58, 233,
227, 234, 75, 430, 407, 445, 651, 708, 640, 545, 288,
165, 254, 733, 961, 130, 415, 333, 534, 491, 678, 382,
176, 555, 334, 548, 842, 158, 411, 843, 369, 70, 147,
494, 864, 750, 395, 731, 483, 329, 604, 425, 547, 915,
85, 913, 180, 280, 414, 270, 121, 421, 946, 672, 611,
687, 622, 376, 155, 717, 209, 111, 231, 528, 452, 459,
984, 205, 167, 694, 222, 139, 595, 601, 95, 422, 295,
385, 120, 170, 724, 827, 377, 560, 219, 441, 469, 701,
465, 639, 625, 315, 649, 575, 373, 214, 599, 143, 673,
363, 850, 342, 835, 936, 935, 853, 558, 509, 442, 751,
693, 454, 462, 629, 981, 586, 163, 419, 241, 697, 736,
36, 456, 397, 602, 273, 899, 816, 603, 203, 0, 754,
338, 304, 157, 612, 208, 237, 175, 281, 401, 753, 185,
202, 654, 567, 746, 932, 735, 197, 650, 264, 426, 535,
332, 490, 607, 380, 968, 174, 450, 883, 849, 614, 286,
518, 749, 655, 495, 860, 631, 1607, 182])

```

```
customer_data['MntFishProducts'].unique()
```

```

array([172, 2, 111, 10, 46, 0, 50, 3, 1, 11, 225, 6, 59,
150, 30, 69, 21, 39, 15, 20, 34, 33, 119, 160, 82, 227,
37, 27, 156, 12, 180, 121, 16, 201, 7, 58, 189, 17, 84,
4, 97, 137, 110, 49, 98, 75, 65, 185, 80, 31, 23, 29,
151, 123, 44, 40, 173, 38, 52, 13, 36, 43, 73, 32, 8,
19, 149, 134, 86, 140, 147, 224, 42, 76, 47, 254, 25, 67,
28, 186, 218, 104, 133, 220, 45, 24, 205, 162, 95, 101, 188,
55, 166, 216, 60, 219, 77, 78, 72, 212, 129, 93, 99, 102,
99, 120, 169, 240, 63, 91, 106, 146, 56,
32, 71, 64, 231, 85, 202, 41, 125, 26,
173, 104, 177, 130, 247, 159, 153, 90, 51, 234, 68, 210, 89,
194, 250, 237, 145, 167, 48, 192, 130, 232, 116, 184, 158, 94,
259, 115, 207, 112, 182, 141, 124, 171, 193, 242, 246, 35, 142,
253, 258, 198, 223, 5, 103, 108, 181, 81, 128, 208, 114, 229])

```

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```
customer_data['MntSweetProducts'].unique()
```

```
array([ 88,  1, 21,  3, 27, 42, 49,  2, 112,  5, 68, 13, 12,
        16, 24, 38,  0, 32,  6, 263, 66, 22,  8,  7, 178, 30,
        10, 67, 167, 40, 120, 18, 14, 122, 82, 29, 60,  4, 37,
        15, 105, 65, 133, 28, 61, 132, 26, 98, 35, 51, 20, 103,
         9, 72, 89, 41, 71, 44, 33, 11, 91, 76, 17, 113, 19,
       173, 23, 87, 176, 102, 48, 138, 163, 124, 70, 172, 84, 149,
        73, 92, 130, 25, 74, 114, 141, 54, 147, 45, 50, 46, 97,
        64, 118, 153, 189, 107, 128, 134, 36, 150, 78, 137, 34, 95,
       156, 47, 194, 96, 191, 192, 75, 62, 58, 129, 31, 57, 108,
       123, 185, 121, 127, 125, 198, 43, 115, 80, 106, 101, 110, 83,
       160, 166, 136, 56, 116, 182, 148, 161, 69, 157, 55, 143, 169,
        86, 146, 59, 152, 77, 53, 39, 93, 151, 99, 144, 195, 63,
       175, 145, 162, 187, 126, 85, 109, 197, 165, 174, 196, 81, 139,
       188, 142, 94, 262, 179, 100, 79, 111])
```

```
customer_data['MntGoldProds'].unique()
```

```
array([ 88,  6, 42,  5, 15, 14, 27, 23,  2, 13,  1, 16, 30,
        45,  4, 28, 176, 39, 48, 19, 99, 41, 362, 10,  0, 89,
         3, 43, 22, 35, 36, 102,  7, 12, 174, 50, 38, 32, 241,
       109, 190, 40, 80, 169, 73, 17, 86,  9, 18, 51, 76, 34,
       145, 53, 75, 223, 11, 111, 81, 65, 79, 60, 72, 33, 120,
       168, 172, 216, 58, 130, 124, 20, 126, 116, 49,  8, 91, 57,
        26, 141, 117, 25, 92, 54, 21, 192, 44, 66, 182, 181, 152,
        77, 70, 148, 24, 69, 146, 162, 131, 74, 135, 203, 52, 63,
        61, 139, 122, 224, 173, 218, 93, 142, 29, 233, 101, 157, 55,
       107, 159, 78, 110, 125, 114, 68, 191, 95, 37, 64, 46, 119,
        90, 134, 108, 153, 84, 59, 31, 175, 85, 71, 47, 118, 83,
       106, 165, 163, 144, 147, 207, 151, 154, 115, 67, 242, 155, 249,
       183, 170, 97, 227, 121, 205, 112, 198, 177, 133, 94, 56, 82,
       187, 171, 98, 129, 96, 166, 195, 231, 158, 123, 200, 178, 149,
       132, 210, 138, 262, 140, 100, 246, 196, 197, 199, 215, 127, 161,
       180,  62, 128, 291, 150, 232, 219, 137, 185, 160, 321, 143, 204,
       245, 229, 248, 103, 247])
```

```
# Combining different dataframe into a single column to reduce
```

```
customer_data['Expenses'] = customer_data['MntWines'] + customer_data['MntGoldProds']
customer_data['Expenses'].head(10)
```

```
0    1617
1      27
2     776
3      53
```

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```
7     169
8      46
9      49
```

```
Name: Expenses, dtype: int64
```

```
#Minimum Expenses  
customer_data['Expenses'].min()
```

5

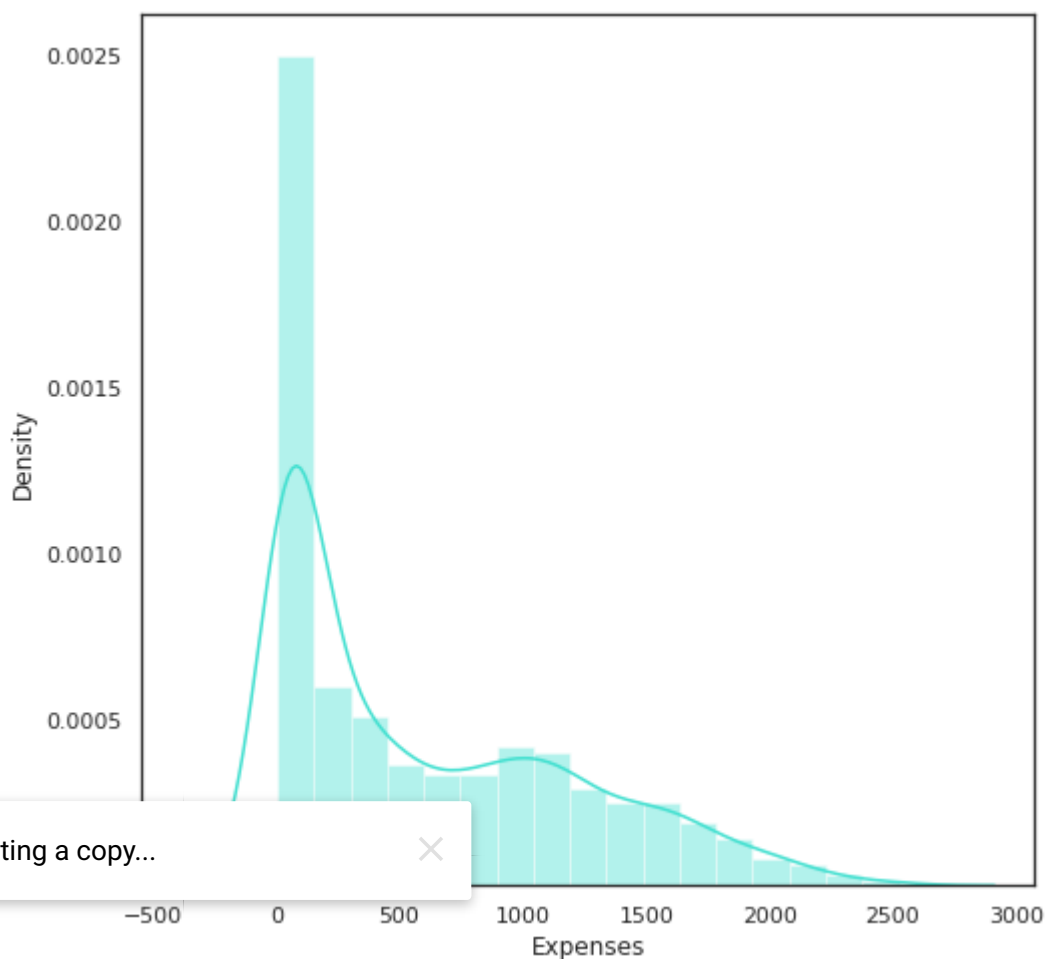
```
#Maximum Expenses  
customer_data['Expenses'].max()
```

2525

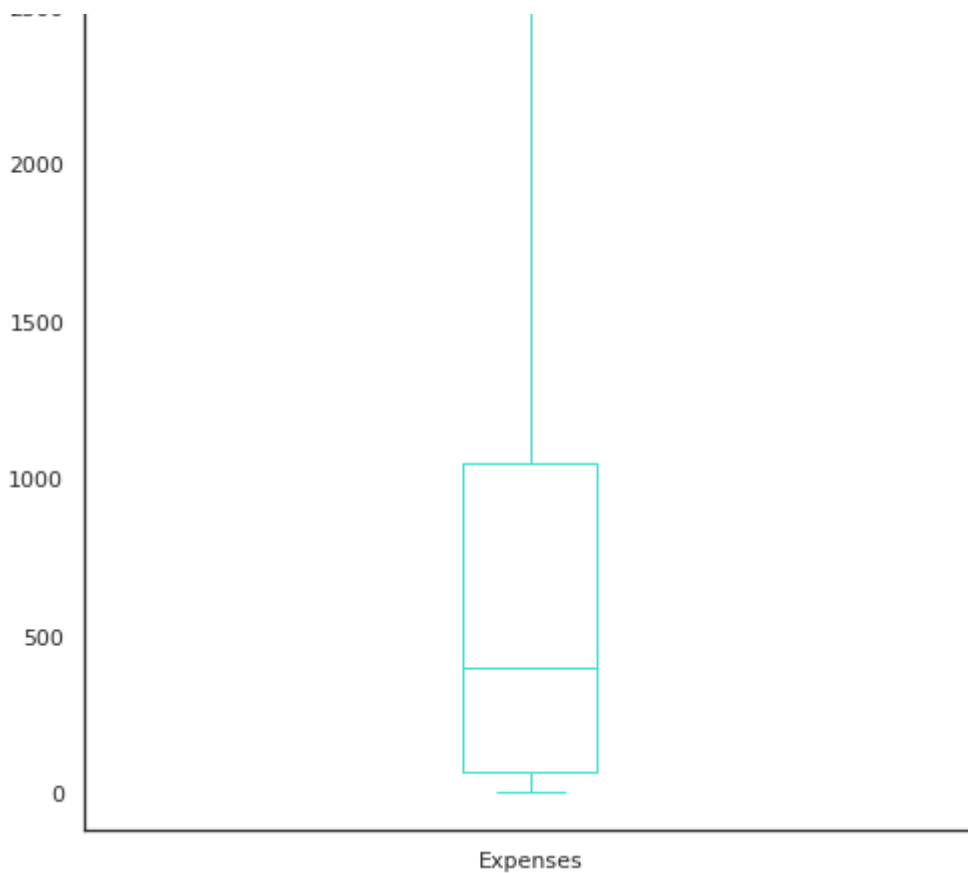
```
#Average Expenses  
customer_data['Expenses'].mean()
```

605.7982142857143

```
plt.figure(figsize=(8,8))  
sns.distplot(customer_data["Expenses"],color = 'turquoise')  
plt.show()  
customer_data["Expenses"].plot.box(figsize=(8,8),color='turquo:  
plt.show()
```



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## 7. Analysis on

"AcceptedCmp1, AcceptedCmp2, AcceptedCmp3, AcceptedCmp4, AcceptedCmp5" Variable.

```
customer_data['AcceptedCmp1'].unique()
```

```
array([0, 1])
```

```
customer_data['AcceptedCmp2'].unique()
```

```
array([0, 1])
```

```
customer_data['AcceptedCmp3'].unique()
```

```
array([0, 1])
```

```
customer_data['AcceptedCmp4'].unique()
```

```
array([0, 1])
```

```
customer_data['AcceptedCmp5'].unique()
```

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```
array([0, 1])
```

```
customer_data['TotalAcceptedCmp'] = customer_data['AcceptedCmp']
```

```
#CHECKING NUMBER OF UNIQUE CATEGORIES PRESENT IN THE "TotalAccp
print("Unique categories present in the TotalAcceptedCmp:",cus
print("\n")
```

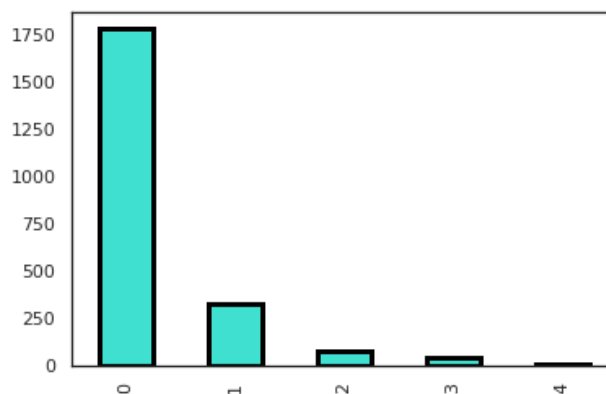
```
#VISUALIZING THE "TotalAcceptedCmp"
```

```
customer_data['TotalAcceptedCmp'].value_counts().plot(kind='ba
plt.title("Frequency Of Each Category in the TotalAcceptedCmp ")
plt.figure(figsize=(8,8))
```

```
Unique categories present in the TotalAcceptedCmp: 0    1777
1         325
2         83
3         44
4         11
Name: TotalAcceptedCmp, dtype: int64
```

<Figure size 576x576 with 0 Axes>

Frequency Of Each Category in the TotalAcceptedCmp Variable



<Figure size 576x576 with 0 Axes>

### OBSERVATIONS :-

\*79.33% of Customers accepted the offer in the campaign are

"0"

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\*14.50% of Customers accepted the offer in the campaign are "1".

\*3.70% of Customers accepted the offer in the campaign are "2".

\*1.96% of Customers accepted the offer in the campaign are "3".

\*0.49% of Customers accepted the offer in the campaign are "4"

## 8. Analysis on

"NumWebPurchases, NumCatalogPurchases, NumStorePurchases, NumDealsPurchases" Variable.

```
customer_data['NumWebPurchases'].unique()
```

```
array([ 8,  1,  2,  5,  6,  7,  4,  3, 11,  0, 27, 10,  9, 23, 25])
```

```
customer_data['NumCatalogPurchases'].unique()
```

```
array([10,  1,  2,  0,  3,  4,  6, 28,  9,  5,  8,  7, 11, 22])
```

```
customer_data['NumStorePurchases'].unique()
```

```
array([ 4,  2, 10,  6,  7,  0,  3,  8,  5, 12,  9, 13, 11,  1])
```

```
customer_data['NumDealsPurchases'].unique()
```

```
array([ 3,  2,  1,  5,  4, 15,  7,  0,  6,  9, 12,  8, 10, 13, 11])
```

```
customer_data['NumTotalPurchases'] = customer_data['NumWebPurchases'] + customer_data['NumCatalogPurchases'] + customer_data['NumStorePurchases'] + customer_data['NumDealsPurchases']
customer_data['NumTotalPurchases'].unique()
```

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```
array([ 2, 10,  2,  4, 16, 15,  5, 26,  9, 13, 12, 43,  8, 28,  7, 24, 29, 23, 32, 30, 37, 31, 33, 35, 39,  1, 34,  0, 44])
```

```
#Minimum NumTotalPurchases
```

```
customer_data['NumTotalPurchases'].min()
```

```
0
```

```
#Maximum NumTotalPurchases
```

```
customer_data['NumTotalPurchases'].max()
```

```
44
```

```
#Mean NumTotalPurchases
```

```
customer_data['NumTotalPurchases'].mean()
```

```
14.862053571428572
```

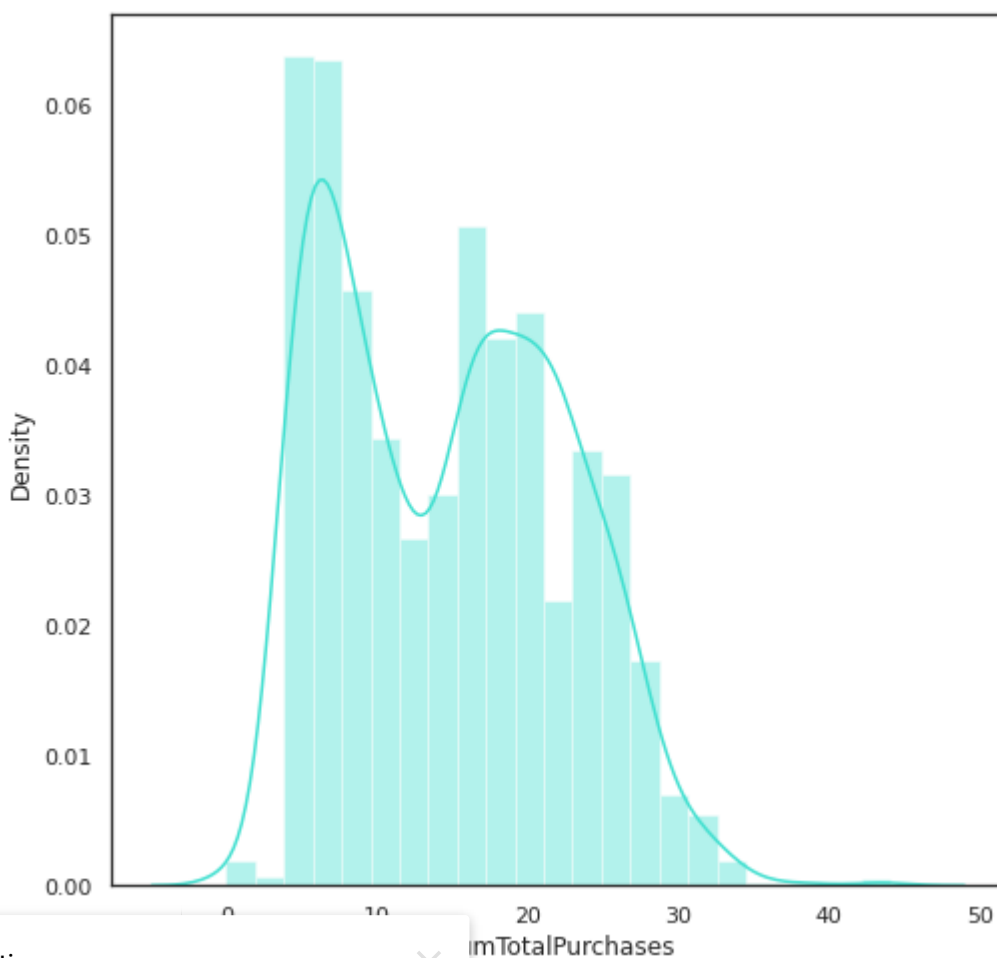
```
plt.figure(figsize=(8,8))
```

```
sns.distplot(customer_data["NumTotalPurchases"],color = 'turqu
```

```
plt.show()
```

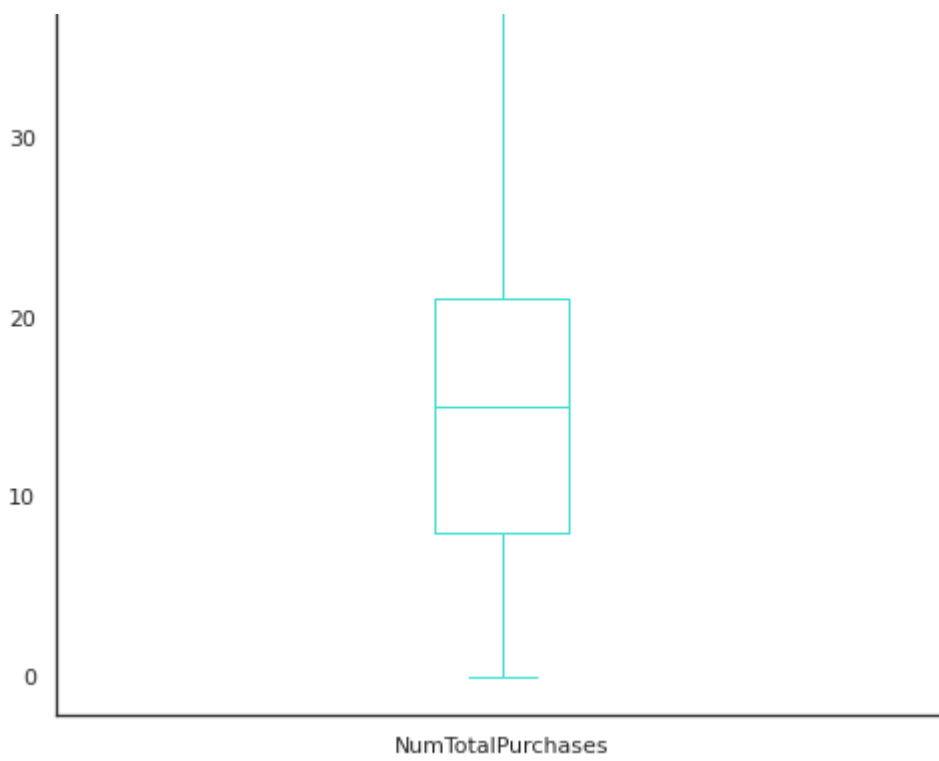
```
customer_data["NumTotalPurchases"].plot.box(figsize=(8,8),colo
```

```
plt.show())
```



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40



# Deleting some column to reduce dimension and complexity of m

```
col_del = ["ID","AcceptedCmp1" , "AcceptedCmp2", "AcceptedCmp3"]
customer_data=customer_data.drop(columns=col_del,axis=1)
```

```
x = customer_data.columns
for i in x:
    print(i)
```

```
Year_Birth
Education
Marital_Status
Income
Dt_Customer
Recency
Complain
Response
Kids
Expenses
TotalAcceptedCmp
NumTotalPurchases
```

#Number of days a customer was engaged with company  
 #Changing "Dt\_customer" into timestamp format.

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```
customer_data['Dt_Customer'] = pd.to_datetime(customer_data.Dt_
customer_data['First_day'] = '01-01-2015'
customer_data['First_day'] = pd.to_datetime(customer_data.Firs
```

```
customer_data['Day_engaged'] = (customer_data['First_day'] - ci

#Adding a column "Age" in the data frame
customer_data['Age'] = (pd.Timestamp('now').year) - (pd.to_date

#Checking number of unique categories present in the 'Age'

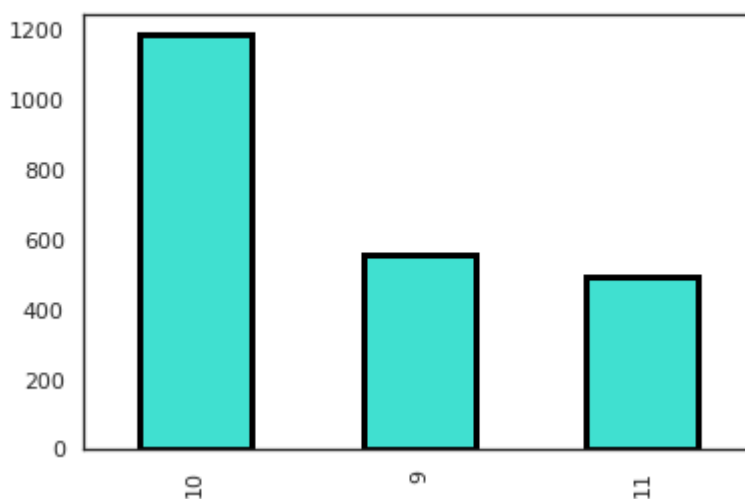
print("Unique categories present in the Age:",customer_data['Age
print("\n")

#Visualizing the "Age"
customer_data['Age'].value_counts().plot(kind='bar',color = 't
plt.title("Frequency Of Each Category in the Age Variable \n",
plt.figure(figsize=(8,8))
```

```
Unique categories present in the Age: 10      1189
9      557
11     494
Name: Age, dtype: int64
```

<Figure size 576x576 with 0 Axes>

## Frequency Of Each Category in the Age Variable



<Figure size 576x576 with 0 Axes>

Double-click (or enter) to edit

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|   | year_birth | Education     | Marital_Status | Income  | Dt_Customer | Recency | Com |
|---|------------|---------------|----------------|---------|-------------|---------|-----|
| 0 | 1957       | Post Graduate | Single         | 58138.0 | 2012-09-04  | 58      |     |

|   |      |               |              |         |            |    |
|---|------|---------------|--------------|---------|------------|----|
| 1 | 1954 | Post Graduate | Single       | 46344.0 | 2014-03-08 | 38 |
| 2 | 1965 | Post Graduate | Relationship | 71613.0 | 2013-08-21 | 26 |
| 3 | 1964 | Post Graduate | Single       | 36646.0 | 2014-03-10 | 36 |

```
customer_data=customer_data.drop(columns=["Dt_Customer", "First_name", "Last_name"])
customer_data.head(5)
```

|   | Education     | Marital_Status | Income  | Kids | Expenses | TotalAcceptedCmp | NumPurchases |
|---|---------------|----------------|---------|------|----------|------------------|--------------|
| 0 | Post Graduate | Single         | 58138.0 | 0    | 1617     | 25               | 849          |
| 1 | Post Graduate | Single         | 46344.0 | 2    | 27       | 6                | 299          |
| 2 | Post Graduate | Relationship   | 71613.0 | 0    | 776      | 21               | 498          |
| 3 | Post Graduate | Single         | 36646.0 | 1    | 52       | 3                | 335          |

#Rearrange the order of column:-

```
order = [0,1,3,4,6,7,8,2,5]
```

```
customer_data = customer_data[[customer_data.columns[i] for i in order]]
customer_data.head(5)
```

|   | Education     | Marital_Status | Kids | Expenses | NumTotalPurchases | Day_engaged |
|---|---------------|----------------|------|----------|-------------------|-------------|
| 0 | Post Graduate | Single         | 0    | 1617     | 25                | 849         |
| 1 | Post Graduate | Single         | 2    | 27       | 6                 | 299         |
| 2 | Post Graduate | Relationship   | 0    | 776      | 21                | 498         |
| 3 | Post Graduate | Single         | 1    | 52       | 3                 | 335         |

```
customer_data.shape
```

```
(2240, 9)
```

## Bivariate Analysis :-

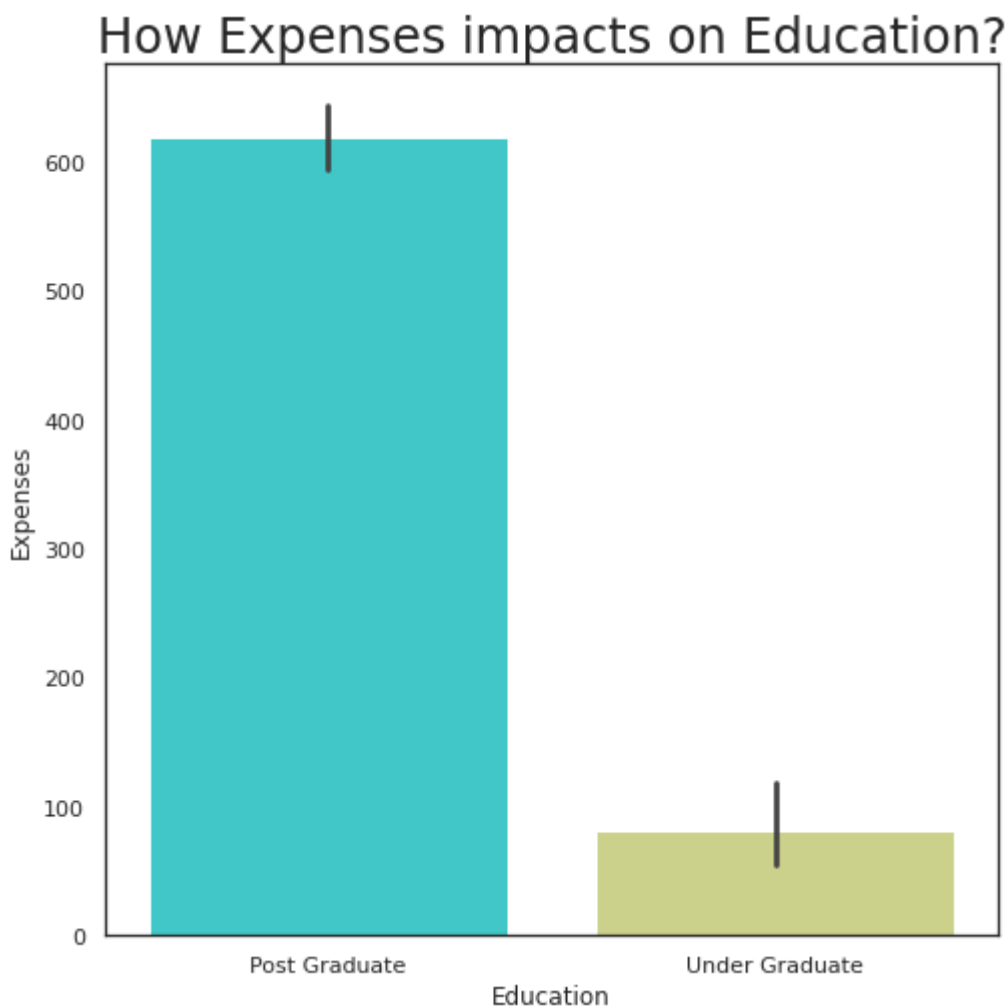
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S

```
pd.crosstab(customer_data['Education'],customer_data['Expenses'])
```

| Expenses              | 5 | 6 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|-----------------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| <b>Education</b>      |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <b>Post Graduate</b>  | 1 | 2 | 4 | 2 | 5  | 5  | 2  | 6  | 2  | 10 | 10 | 13 | 8  | 5  | 14 | 8  | 18 | 11 |    |
| <b>Under Graduate</b> | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 2  | 0  | 0  | 1  | 0  | 0  |    |
| <b>All</b>            | 1 | 2 | 4 | 2 | 5  | 5  | 2  | 6  | 3  | 10 | 11 | 13 | 10 | 5  | 14 | 9  | 18 | 11 |    |

```
sns.set_theme(style="white")
plt.figure(figsize=(8,8))
plt.title("How Expenses impacts on Education?",fontsize=24)
ax = sns.barplot(x="Education", y="Expenses", data=customer_data)
```



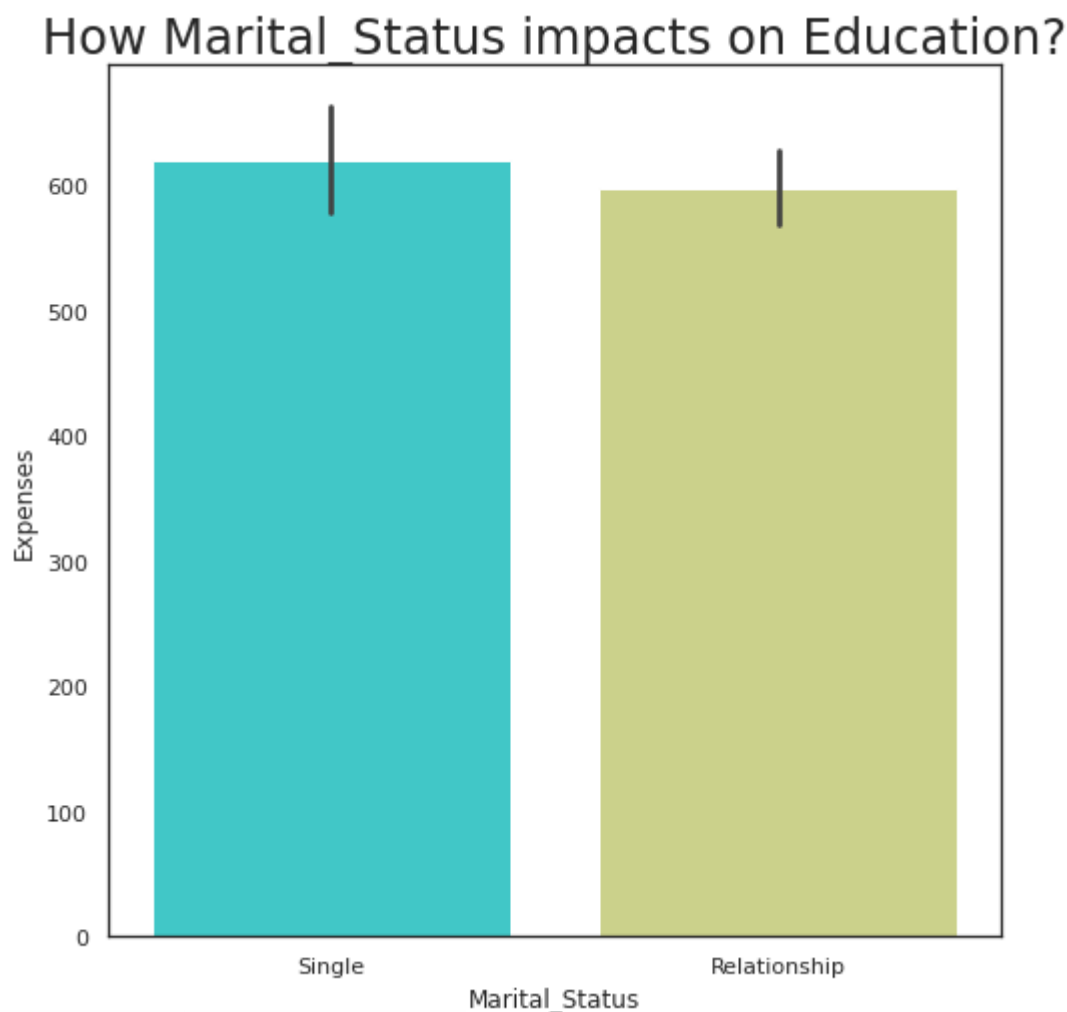
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## 2.Marital status vs Expenses

```
pd.crosstab(customer_data['Marital_Status'],customer_data['Exp'
```

|                | Expenses | 5 | 6 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
|----------------|----------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Marital_Status |          |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Relationship   | 0        | 0 | 3 | 2 | 4 | 4  | 2  | 3  | 1  | 6  | 7  | 8  | 6  | 3  | 8  | 4  | 13 |    |
| Single         | 1        | 2 | 1 | 0 | 1 | 1  | 0  | 3  | 2  | 4  | 4  | 5  | 4  | 2  | 6  | 5  | 5  |    |
| All            | 1        | 2 | 4 | 2 | 5 | 5  | 2  | 6  | 3  | 10 | 11 | 13 | 10 | 5  | 14 | 9  | 18 |    |

```
sns.set_theme(style="white")
plt.figure(figsize=(8,8))
plt.title("How Marital_Status impacts on Education?",fontsize=14)
ax = sns.barplot(x="Marital_Status", y="Expenses", data=customer_data)
```



Creating a copy...



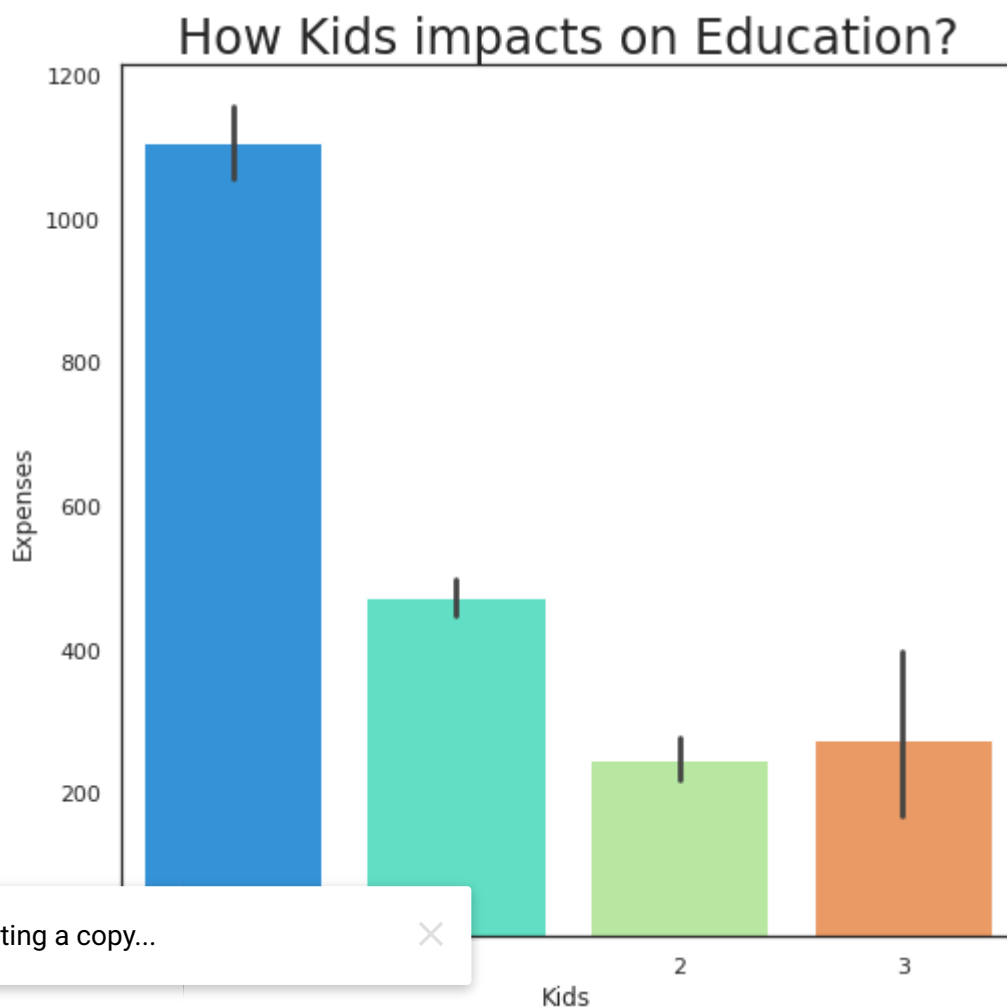
### 3.Kids vs Expenses



```
pd.crosstab(customer_data['Kids'],customer_data['Expenses'],ma
```

| Expenses | 5 | 6 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|----------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Kids     |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0        | 0 | 2 | 2 | 0 | 0  | 0  | 0  | 0  | 2  | 1  | 2  | 2  | 2  | 1  | 2  | 0  | 1  | 2  | 1  |
| 1        | 1 | 0 | 0 | 0 | 3  | 1  | 1  | 3  | 1  | 5  | 4  | 4  | 4  | 4  | 8  | 3  | 12 | 5  | 5  |
| 2        | 0 | 0 | 0 | 2 | 1  | 4  | 1  | 2  | 0  | 3  | 4  | 5  | 2  | 0  | 3  | 6  | 4  | 4  | 0  |
| 3        | 0 | 0 | 2 | 0 | 1  | 0  | 0  | 1  | 0  | 1  | 1  | 2  | 2  | 0  | 1  | 0  | 1  | 0  | 0  |
| All      | 1 | 2 | 4 | 2 | 5  | 5  | 2  | 6  | 3  | 10 | 11 | 13 | 10 | 5  | 14 | 9  | 18 | 11 | 6  |

```
sns.set_theme(style="white")
plt.figure(figsize=(8,8))
plt.title("How Kids impacts on Education?",fontsize=24)
ax = sns.barplot(x="Kids", y="Expenses", data=customer_data,pa
```



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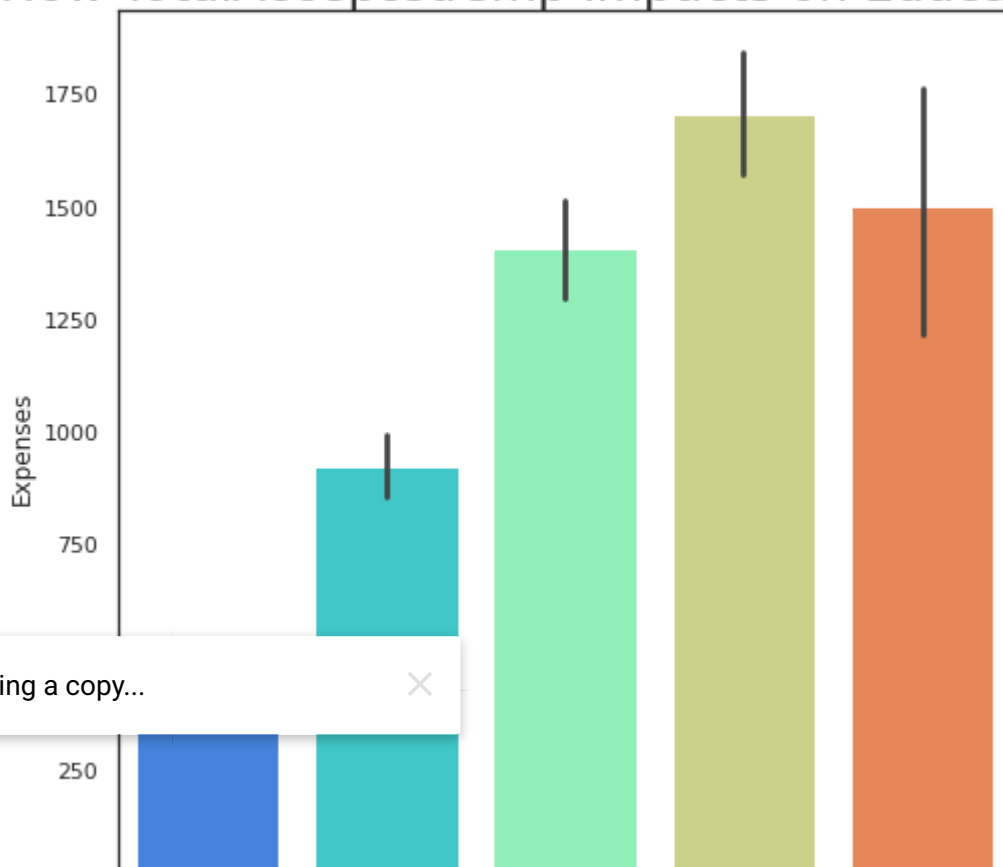
## 4. TotalAcceptedCmp vs Expenses

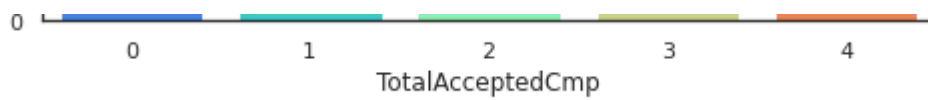
```
pd.crosstab(customer_data['TotalAcceptedCmp'],customer_data['E
```

|                  | Expenses | 5 | 6 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 2 |
|------------------|----------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|---|
| TotalAcceptedCmp |          |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |   |
| 0                |          | 1 | 2 | 4 | 2 | 5  | 5  | 1  | 6  | 3  | 10 | 9  | 13 | 9  | 5  | 14 | 9  | 1 |
| 1                |          | 0 | 0 | 0 | 0 | 0  | 0  | 1  | 0  | 0  | 0  | 2  | 0  | 1  | 0  | 0  | 0  |   |
| 2                |          | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |
| 3                |          | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |
| 4                |          | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |
| All              |          | 1 | 2 | 4 | 2 | 5  | 5  | 2  | 6  | 3  | 10 | 11 | 13 | 10 | 5  | 14 | 9  | 1 |

```
sns.set_theme(style="white")
plt.figure(figsize=(8,8))
plt.title("How TotalAcceptedCmp impacts on Education?",fontsize=16)
ax = sns.barplot(x="TotalAcceptedCmp", y="Expenses", data=custome
```

How TotalAcceptedCmp impacts on Education?





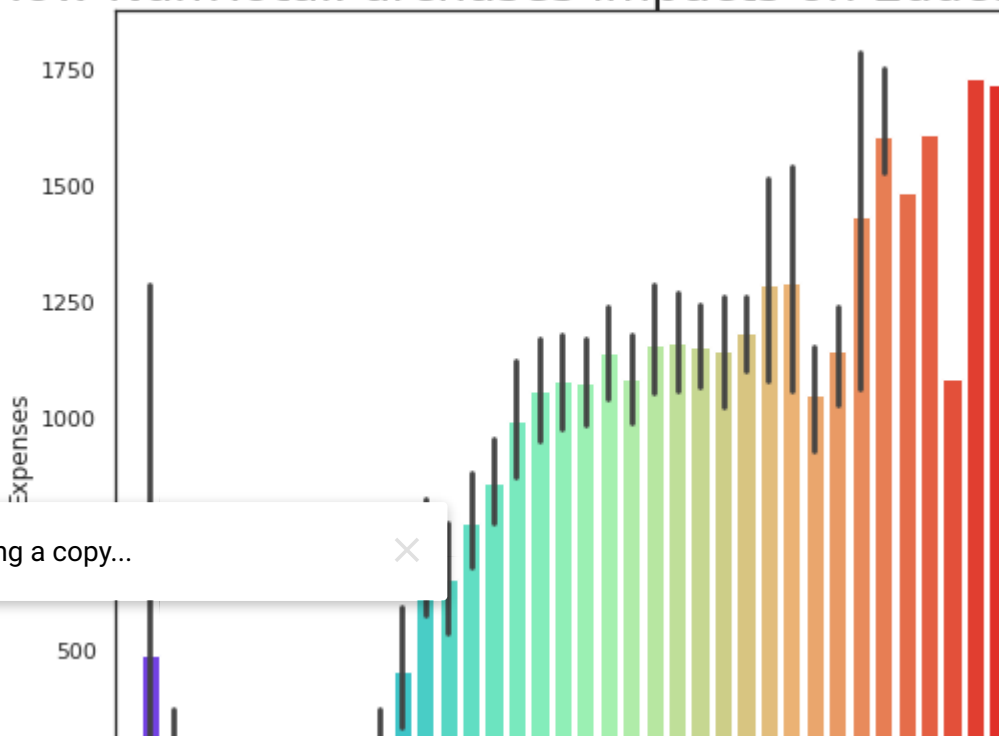
## 5.NumTotalPurchases vs Expenses

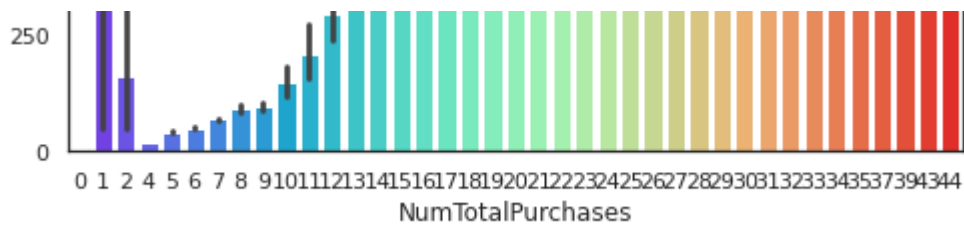
```
pd.crosstab(customer_data['NumTotalPurchases'],customer_data['I
```

|                   | Expenses | 5 | 6 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|-------------------|----------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|
| NumTotalPurchases |          |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |
| 0                 |          | 1 | 2 | 1 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 1                 |          | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 2                 |          | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 4                 |          | 0 | 0 | 2 | 1 | 5  | 5  | 2  | 6  | 3  | 10 | 10 | 11 | 10 | 4  | 9  | 6  |
| 5                 |          | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 4  | 1  |

```
sns.set_theme(style="white")
plt.figure(figsize=(8,8))
plt.title("How NumTotalPurchases impacts on Education?",fontsi:
ax = sns.barplot(x="NumTotalPurchases", y="Expenses", data=cus
```

How NumTotalPurchases impacts on Education?



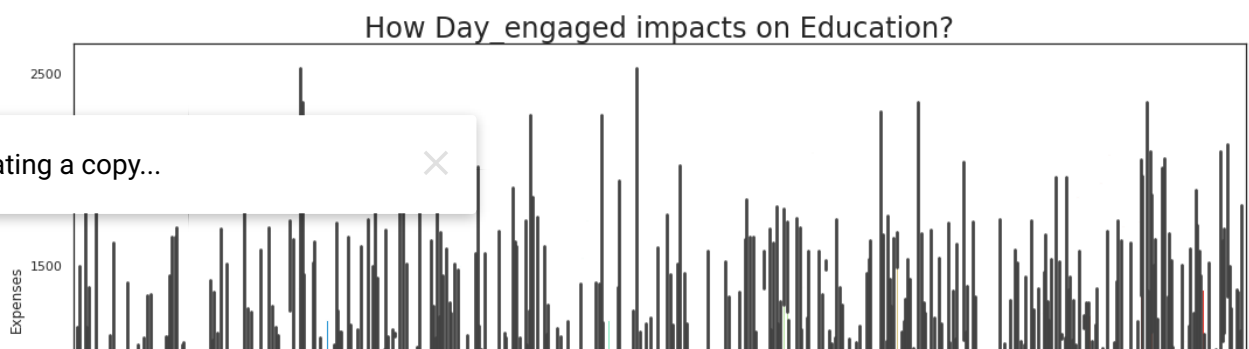


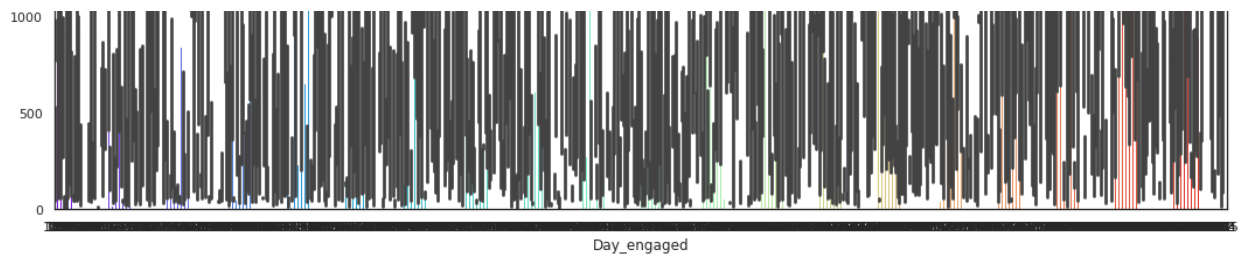
## 6.Day enaged vs Expenses

```
pd.crosstab(customer_data['Day_engaged'],customer_data['Expense
```

| Expenses    | 5 | 6 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Day_engaged |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 186         | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 187         | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 188         | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 189         | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 190         | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 191         | 0 | 0 | 0 | 0 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 192         | 0 | 0 | 0 | 1 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 193         | 0 | 1 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 194         | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 195         | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |

```
sns.set_theme(style="white")
plt.figure(figsize=(18,8))
plt.title("How Day_engaged impacts on Education?",fontsize=24)
ax = sns.barplot(x="Day_engaged", y="Expenses", data=customer_
```





## 7.Age vs Expenses

```
pd.crosstab(customer_data['Age'],customer_data['Expenses'],margin
```

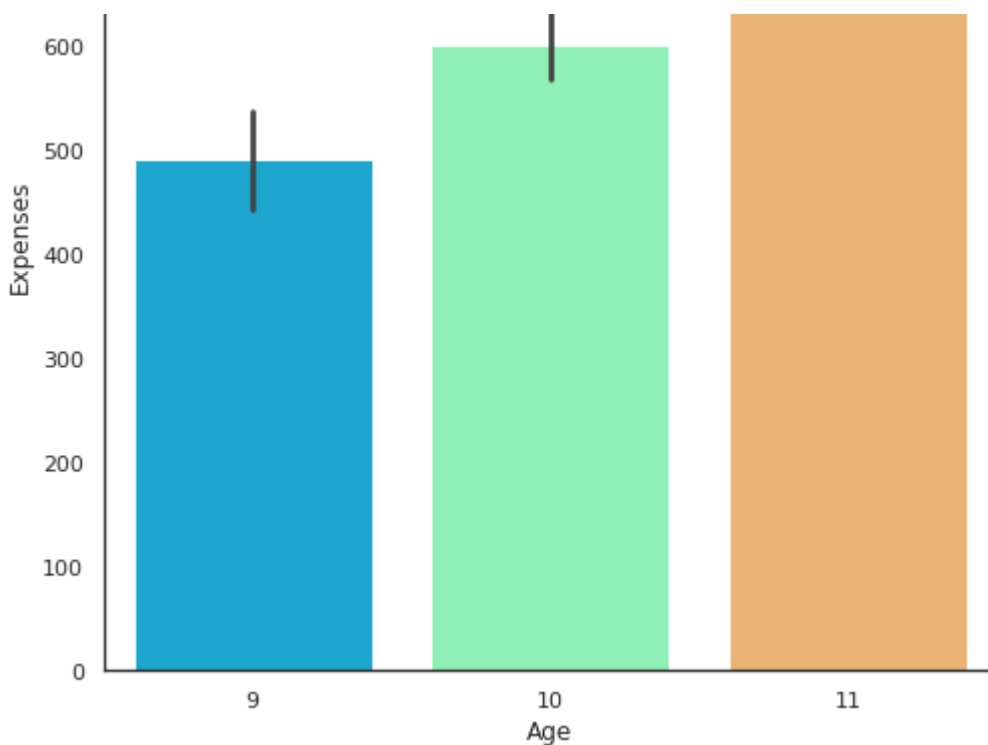
| Expenses | 5 | 6 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|----------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Age      |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 9        | 0 | 2 | 2 | 2 | 4  | 2  | 1  | 1  | 1  | 3  | 6  | 4  | 1  | 2  | 8  | 5  | 4  | 4  | 2  |
| 10       | 1 | 0 | 2 | 0 | 1  | 3  | 1  | 4  | 2  | 6  | 4  | 6  | 6  | 2  | 6  | 3  | 10 | 7  | 4  |
| 11       | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 1  | 0  | 1  | 1  | 3  | 3  | 1  | 0  | 1  | 4  | 0  | 0  |
| All      | 1 | 2 | 4 | 2 | 5  | 5  | 2  | 6  | 3  | 10 | 11 | 13 | 10 | 5  | 14 | 9  | 18 | 11 | 6  |

```
sns.set_theme(style="white")
plt.figure(figsize=(8,8))
plt.title("How Age impacts on Education?",fontsize=24)
ax = sns.barplot(x="Age", y="Expenses", data=customer_data,pal
```

How Age impacts on Education?

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700



```
customer_data.head(5)
```

|   | Education     | Marital_Status | Kids | Expenses | NumTotalPurchases | Day_engaged |
|---|---------------|----------------|------|----------|-------------------|-------------|
| 0 | Post Graduate | Single         | 0    | 1617     | 25                | 849         |
| 1 | Post Graduate | Single         | 2    | 27       | 6                 | 299         |
| 2 | Post Graduate | Relationship   | 0    | 776      | 21                | 498         |
| 3 | Post Graduate | Single         | 1    | 52       | 6                 | 335         |

```
customer_data.describe(include = 'all')
```

|               | Education     | Marital_Status | Kids        | Expenses    | NumTotalPurchases |
|---------------|---------------|----------------|-------------|-------------|-------------------|
| <b>count</b>  | 2240          | 2240           | 2240.000000 | 2240.000000 | 2240.000000       |
| <b>unique</b> | 2             | 2              | NaN         | NaN         | NaN               |
| <b>top</b>    | Post Graduate | Relationship   | NaN         | NaN         | NaN               |
| <b>freq</b>   | 2186          | 1444           | NaN         | NaN         | NaN               |
| <b>mean</b>   | NaN           | NaN            | 0.950446    | 605.798214  | 14.862000         |
| <b>min</b>    | NaN           | NaN            | 0.000000    | 5.000000    | 0.000000          |
| <b>25%</b>    | NaN           | NaN            | 0.000000    | 68.750000   | 8.000000          |
| <b>50%</b>    | NaN           | NaN            | 1.000000    | 396.000000  | 15.000000         |

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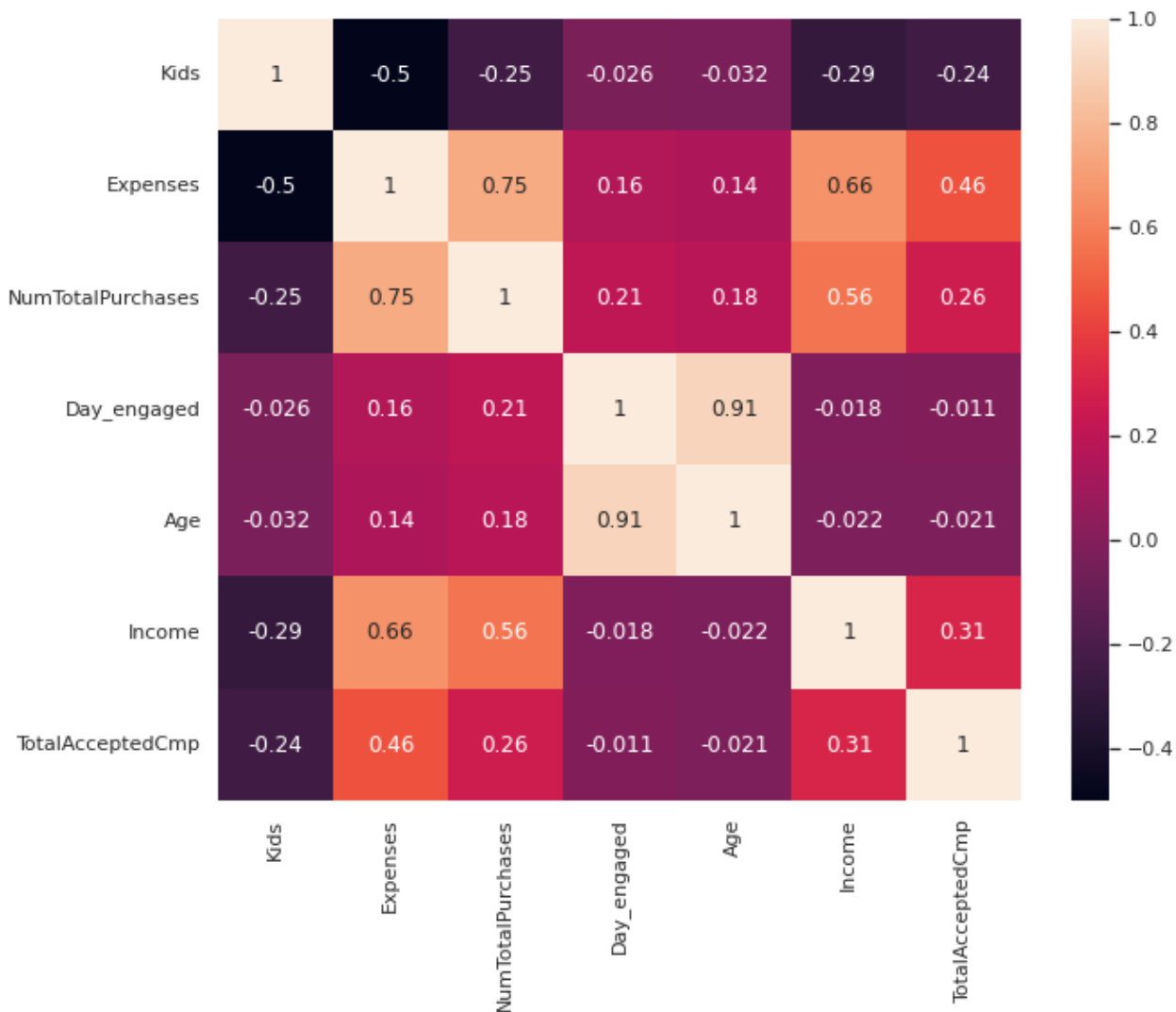


|     |     |     |          |             |           |
|-----|-----|-----|----------|-------------|-----------|
| 75% | NaN | NaN | 1.000000 | 1045.500000 | 21.000000 |
| max | NaN | NaN | 3.000000 | 2525.000000 | 44.000000 |

## Finding the correlation:

```
plt.figure(figsize=(10,8))
sns.heatmap(customer_data.corr(), annot=True)
```

<Axes: >



## OBSERVATIONS :-

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× Between features is 0.75

\*There is no continuous features that has correlation with

Expenses below 0.7 and above 0.15

Expenses below 0.7 and above 0.15.

\*Day\_engaged and Age has the lowest correlation with expenses, almost reaching 0.14 while NumTotalPurchases has the highest correlation with the expenses.

```
customer_data.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 2240 entries, 0 to 2239
Data columns (total 9 columns):
#   Column                Non-Null Count  Dtype
---  -
0   Education              2240 non-null   object
1   Marital_Status         2240 non-null   object
2   Kids                   2240 non-null   int64
3   Expenses               2240 non-null   int64
4   NumTotalPurchases      2240 non-null   int64
5   Day_engaged            2240 non-null   int64
6   Age                    2240 non-null   int64
7   Income                 2240 non-null   float64
8   TotalAcceptedCmp       2240 non-null   int64
dtypes: float64(1), int64(6), object(2)
memory usage: 157.6+ KB
```

```
cate = []
for i in customer_data.columns:
    if (customer_data[i].dtypes == "object"):
        cate.append(i)
```

```
print(" Object are:",cate)
```

```
Object are: ['Education', 'Marital_Status']
```

Creating a copy...

```
from sklearn.preprocessing import LabelEncoder
lbl_encode = LabelEncoder()
for i in cate:
    customer_data[i]=customer_data[[i]].apply(lbl_encode.fit t
```



```
customer_data1 = customer_data.copy()

from sklearn.preprocessing import StandardScaler
scaled_features = StandardScaler().fit_transform(customer_data)
sf_data = pd.DataFrame(scaled_features, index=customer_data1.index)

sf_data.head()
```

|   | Education | Marital_Status | Kids      | Expenses  | NumTotalPurchases | Day_en |
|---|-----------|----------------|-----------|-----------|-------------------|--------|
| 0 | -0.157171 | 1.346874       | -1.264505 | 1.679417  | 1.320826          | 1.5    |
| 1 | -0.157171 | 1.346874       | 1.396361  | -0.961275 | -1.154596         | -1.1   |
| 2 | -0.157171 | -0.742460      | -1.264505 | 0.282673  | 0.799685          | -0.2   |
| 3 | -0.157171 | -0.742460      | 0.065928  | -0.918094 | -0.894025         | -1.0   |
| 4 | -0.157171 | -0.742460      | 0.065928  | -0.305254 | 0.539114          | -0.9   |

```
X = sf_data.iloc[:, [7, 3]].values
print(X)
```

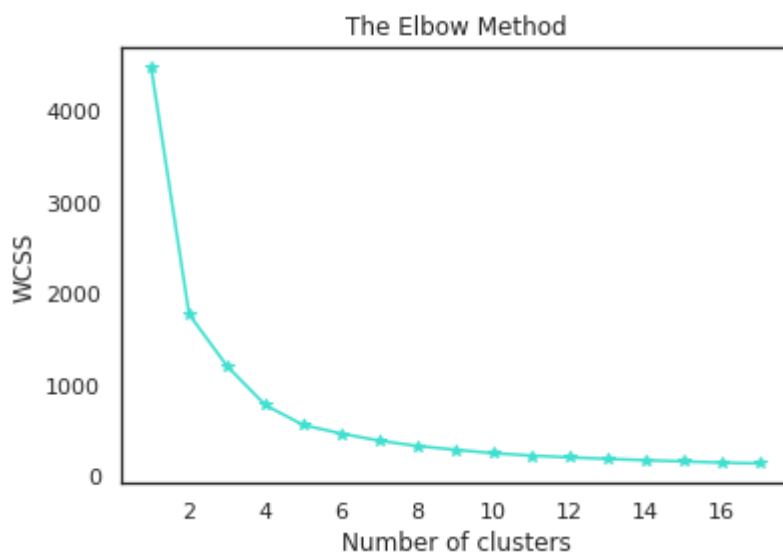
```
[[ 0.23569584  1.67941681]
 [-0.23545419 -0.96127545]
 [ 0.77399892  0.28267329]
 ...
 [ 0.18947568  1.05495122]
 [ 0.67940139  0.39394775]
 [ 0.02520835 -0.7204576 ]]
```

## Elbow Method - To Find The Number Of Clusters

```
# Using the elbow method to find the optimal number of clusters:
from sklearn.cluster import KMeans
wcss = []
for i in range(1, 18):
    kmeans = KMeans(n_clusters = i, init = 'k-means++', random_state = 42)
    kmeans.fit(X)
    wcss.append(kmeans.inertia_)

plt.plot(range(1, 18), wcss, color = "turquoise", marker = '*', linestyle = 'none')
plt.xlabel('Number of clusters')
plt.ylabel('WCSS')
plt.show()
```

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## K - means Clustering

```
# Fitting K-Means to the dataset
kmeans = KMeans(n_clusters =2 , init = 'k-means++', random_state = 42)
y_kmeans = kmeans.fit_predict(X)
y_kmeans

array([1, 0, 1, ..., 1, 1, 0], dtype=int32)
```

## OBSERVATIONS :-

Customer who has Low income and Low Expenses are Sensible customers.

Customer who has Low income and High Expenses are Careless customers.

## Overall Summary :-

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ers is 89

st graduated" . \* More than half of the customers are in

a relationship - 64.46%

- Minimum Expenses - 5
- Maximum Expenses - 2525

- Mean Expenses - 605.7982
- 79.33% of the customers who accepted the offer in the campaign is 0
- Minimum NumTotalPurchases - 0
- Maximum NumTotalPurchases - 44
- Mean NumTotalPurchases - 14.8620
- More than half are 8 years old customers
- Minimum Income - 1730
- Maximum Income - 666666
- Mean Income - 52237.9754
- The highest Expenses rate for Post Graduated Customers is 97.58%
- The highest Expenses rate for Customers who are in a Relationship is 64.46%
- The highest Expenses rate for Customers who have one Kid is 50.35%
- The highest Expenses rate for Customers who accepted the offer in the campaign "0" is 79.33%
- The highest Expenses rate for 8 years old Customers is 53.08%

Double-click (or enter) to edit

[Colab paid products](#) - [Cancel contracts here](#)

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