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| **student** |
| **Id\_student**  **Birthday**  **Gender**  **Nationality**  **Repeted**  **Stady\_year(1er)**  **Year\_cycle**  **Status(ajourné)**  **Scholar\_year**  **Group**  **Section**  **Bac\_wilaya** |

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| **course** |
| **Id\_course**  **Id\_branch**  **Current\_year**  **Scholar\_year**  **Course\_title**  **Stady\_level**  **Tp**  **Td**  **Examen**  **Avg** |

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| **Result** |
| **Id\_course**  **Id\_student**  **Id\_semester**  **Semester1\_avg**  **Semester2\_avg**  **Algo\_one**  **Algo\_two**  **Algo1\_avg**  **Algo2\_avg**  **Bac\_avg** |

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| **branch** |
| **Id\_branch**  **Branch\_lavel** |

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| **semester** |
| **Id\_semester**  **Current\_year**  **Semester1**  **Semester 2** |