Assignment II

Question1

(A)

(a)

|  |  |
| --- | --- |
| Charter | char\_trip |
| Aircraft | ac\_number |
| Model | mod\_code |
| Pilot | emp\_num |
| Employee | emp\_num |
| Customer | cus\_code |

(b)

|  |  |
| --- | --- |
| Charter | char\_trip + char\_date |
| Aircraft | ac\_number + mod\_code |
| Model | mod\_code + mod\_name |
| Pilot | emp\_num + pil\_license |
| Employee | emp\_num + emp\_lname |
| Customer | cus\_num + cus\_lname |

(c)

|  |  |
| --- | --- |
| Charter | no other candidate keys |
| Aircraft | same as above |
| Model | same as above |
| Pilot | same as above |
| Employee | perhaps emp\_lname + emp\_fname + emp\_dob will do but still have chance not. |
| Customer | cus\_phone |

(d)

|  |  |
| --- | --- |
| Charter | char\_pilot  char\_copilot  ac\_number  cus\_code |
| Aircraft | mod\_code |
| Model | none |
| Pilot | emp\_num |
| Employee | none |
| Customer | none |

(e)

Secondary Key is the key that has not been selected to be the primary key. However, it is considered a candidate key for the primary key. So it should be the same answer with (c).

(B) Diagram, schematic

Description automatically generated

(C) Diagram

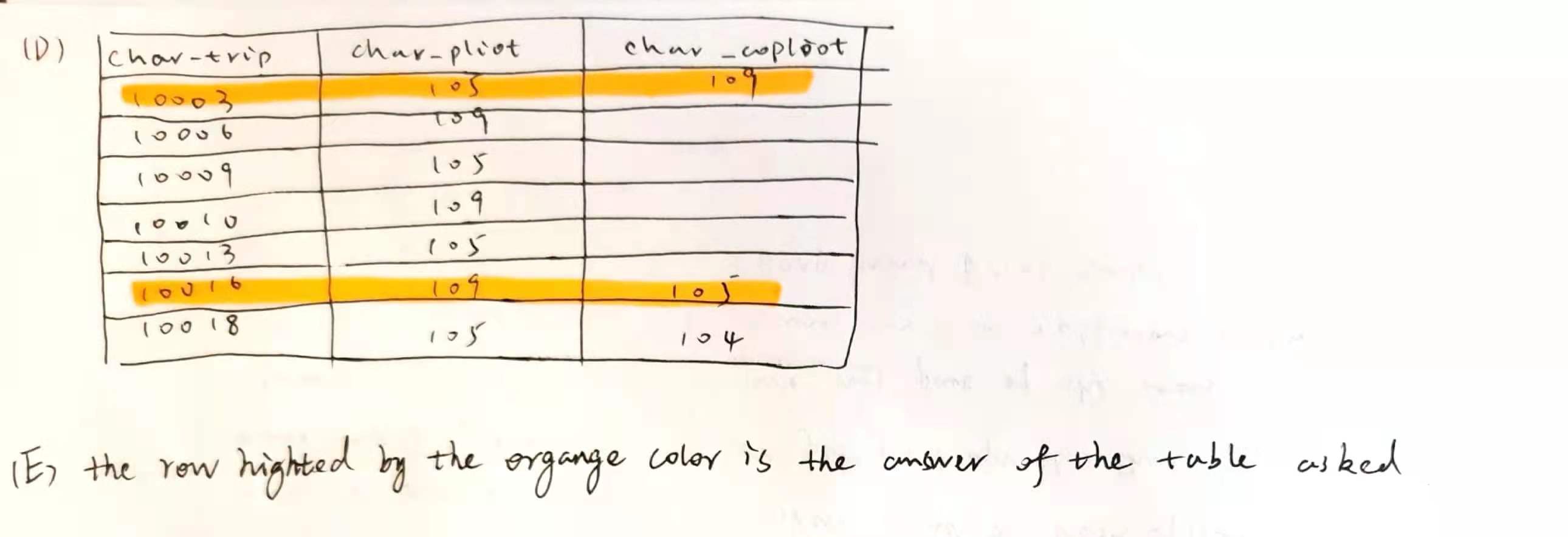
Description automatically generated

(D)

Chart

Description automatically generated with medium confidence

(E)



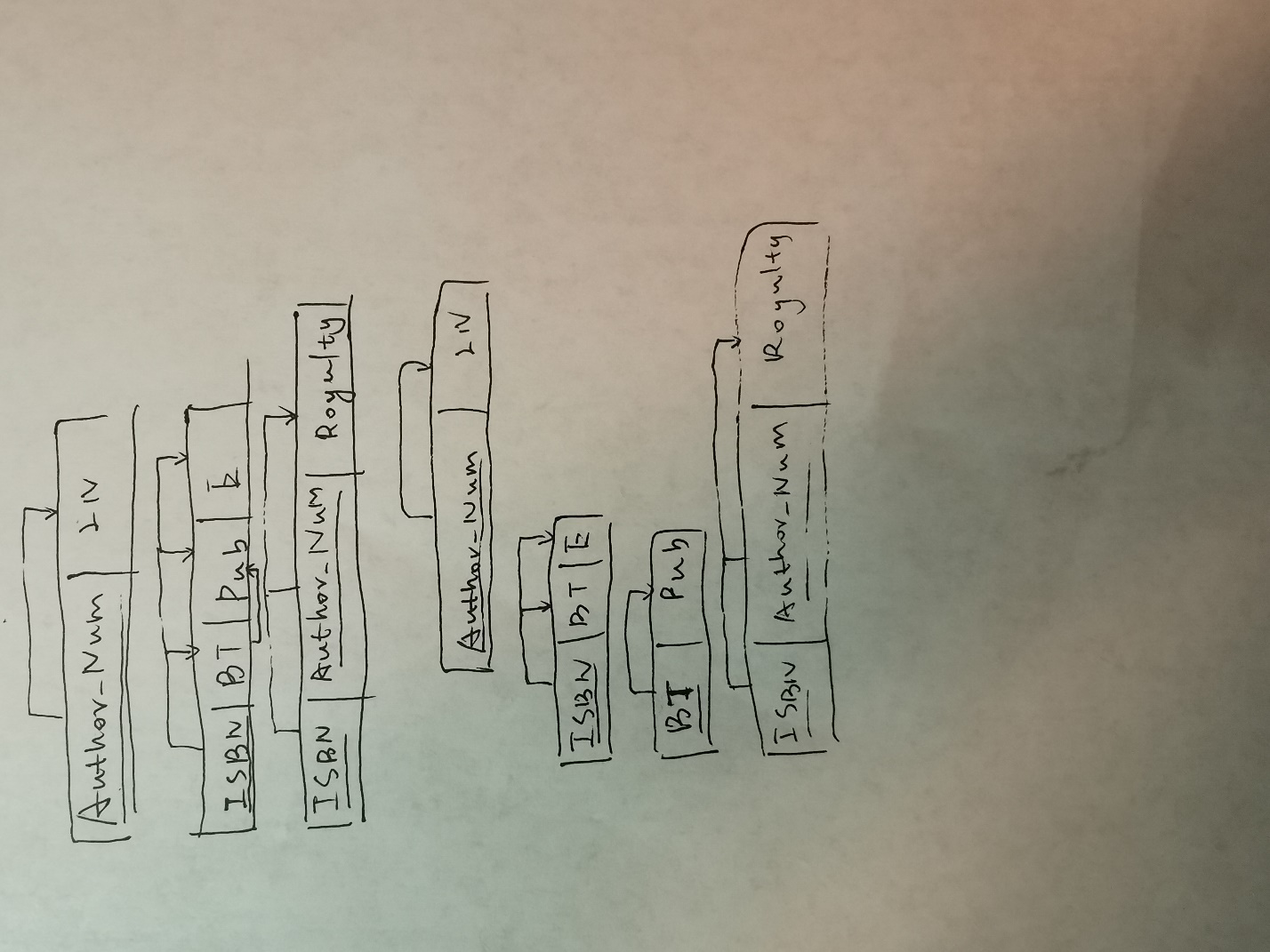
(F) the table in (D) exclude two orange line

Question2

Diagram, schematic

Description automatically generated

Question3

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Question4

