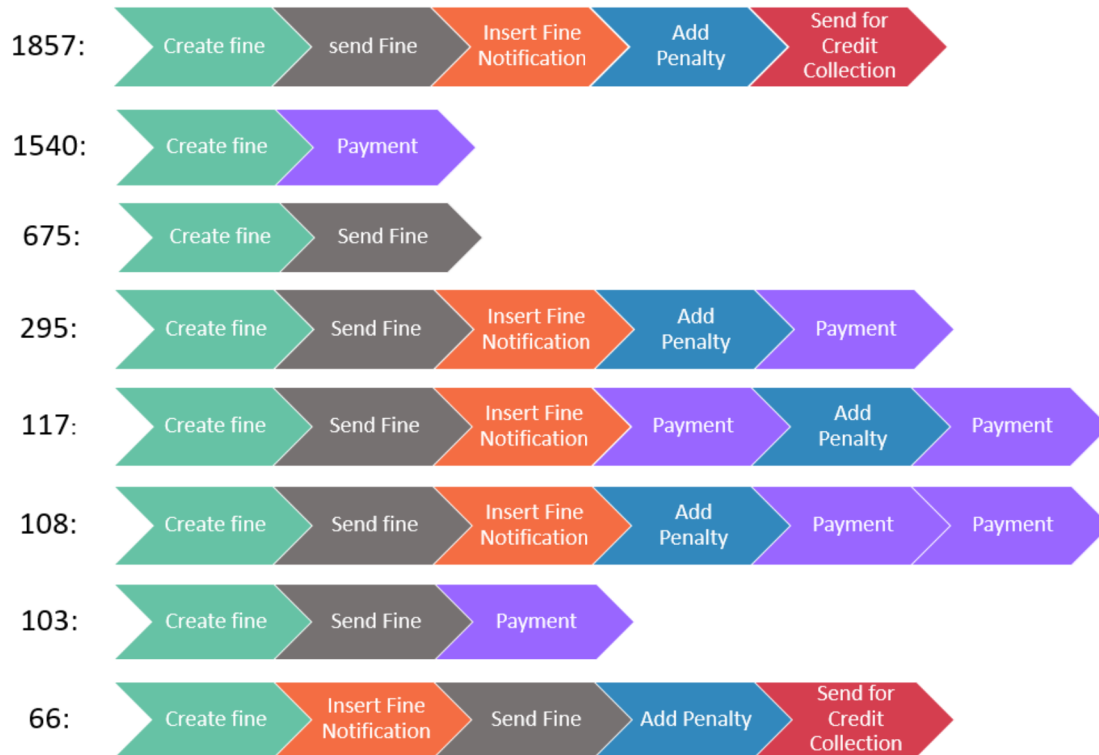


## Recap 2.1.1: Directly-Follows Graph (DFG)

Consider the following event log. Extract the corresponding Directly-Follows Graph (DFG) and answer the questions.



### 1. Which of the following statements are correct?

- ☐ The DFG starts with Create Fine 4072 times.
- ☐ The DFG ends with Payment 1835 times.
- ☒ Create Fine is the only start activity.
- ☒ There are three end activities, which are Payment, Send for Credit Collection, and Send Fine.
- ☐ Send Fine is followed by Insert Fine Notification 2443 times.

### 2. Which of the following traces are allowed by the directly-follows graph?

- ☐ Trace 1: Create Fine, Send Fine, Insert Fine Notification, Send for Credit Collection.
- ☒ Trace 2: Create Fine, Send Fine, Insert Fine Notification, Payment, Payment.
- ☒ Trace 3: Create Fine, Payment, Add Penalty, Send for Credit Collection.