

## Deduction Mysteries

### CASE 01

An original script was taken from the box office of Argent Theatre between 13:45 and 16:15. The operation required expert knowledge of the system. Five people had any plausible connection: Galina (musical director), Simeon (prop master), Rhys (stage manager), Kiran (stagehand), Saoirse (costume designer).

#### Q Who took the original script?

1. Rhys's witness crew member confirms they were at the off-site location from 13:45 to 16:15.
2. Saoirse was at a scheduled external meeting during the window.
3. Simeon's box-office key was not used at any point during the window.
4. The theft required expert knowledge of the system – only Kiran and Rhys have this among the five.
5. The box office is normally accessed only via box-office key, and Kiran's director's key was used at 13:45.
6. Simeon was at the front desk the entire window during the window.
7. Galina was at the main office the entire window during the window.
8. Kiran claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.

### CASE 02

The board minutes were taken from the CEO office of Velocity Labs between 13:45 and 15:15. The operation required specialized access privileges. Five people had any plausible connection: Yusuf (IT administrator), Joaquin (intern), Simeon (senior engineer), Gunnar (HR director), Mira (records clerk).

#### Q Who took the board minutes?

1. Yusuf was documented by the door access record in a different building during the window.
2. Mira's elevator log confirms they were at the remote facility from 13:45 to 15:15.
3. Gunnar claims to have been out for a long break during the window. No supporting evidence has been provided.
4. Joaquin was at the front desk the entire window during the window.
5. The corporate theft required specialized access privileges – only Mira and Gunnar have this among the five.
6. The CEO office is normally accessed only via VPN access, and Gunnar's document-room code was used at 13:45.

### CASE 03

A client contract data was extracted from the DevOps room of Quartermaine Cyber between 16:40 and 18:45. The operation required required certifications. Five people had any plausible connection: Pavel (support lead), Beatrix (site-reliability engineer), Fenella (DevOps lead), Hattie (CTO), Wilder (security analyst).

#### Q Who extracted the client contract data?

1. The data theft required required certifications – only Beatrix and Hattie have this among the five.
2. Fenella was at the main office the entire window during the window.
3. Beatrix's VPN session log confirms they were at the external office from 16:40 to 18:45.
4. The DevOps room is normally accessed only via badge, and Hattie's VPN credentials was used at 16:40.
5. Pavel was documented by the CCTV camera in a different building during the window.
6. Hattie claims to have been working alone in their office during the window. No supporting evidence has been provided.
7. Wilder was at the main office the entire window during the window.

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### CASE 04

A test specimen was swapped from the sample storage of Nordic Bio between 14:40 and 16:00. The operation required specialized access privileges. Five people had any plausible connection: Tess (safety officer), Aurora (lab technician), Elspeth (equipment manager), Marisol (principal investigator), Beatrix (operations manager).

#### Q Who swapped the test specimen?

1. The sample storage is normally accessed only via lab badge, and Marisol's clean-room access was used at 14:40.
2. Aurora was at the external facility the entire window during the window.
3. Tess was at the main office the entire window during the window.
4. The sample tampering required specialized access privileges – only Marisol and Beatrix have this among the five.
5. Beatrix's sample log confirms they were at the remote facility from 14:40 to 16:00.
6. Elspeth was documented by the sample log in a different building during the window.
7. Marisol claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.

### CASE 05

The hospital ID badges were taken from the medical records of Saint-Clair Hospital between 15:00 and 18:10. The operation required expert knowledge of the system. Five people had any plausible connection: Polina (administrator), Cedric (social worker), Etienne (security officer), Leander (janitor), Akira (medical resident).

#### Q Who took the hospital ID badges?

1. Akira claims to have been working alone in their office during the window. No supporting evidence has been provided.
2. Etienne was at the front desk the entire window during the window.
3. Leander was at the external facility the entire window during the window.
4. Polina's pharmacy CCTV confirms they were at the remote facility from 15:00 to 18:10.
5. The medical records is normally accessed only via pharmacy key, and Akira's hospital badge was used at 15:00.
6. Cedric was at a scheduled conference call during the window.
7. The theft required expert knowledge of the system – only Akira and Polina have this among the five.

### CASE 06

A formula draft was swapped from the PI office of Nordic Bio between 13:00 and 16:00. The operation required expert knowledge of the system. Five people had any plausible connection: Omari (clinical coordinator), Gemma (lab technician), Fariha (principal investigator), Alejandro (operations manager), Dimah (visiting scientist).

#### Q Who swapped the formula draft?

1. Gemma was at the main office the entire window during the window.
2. The sample tampering required expert knowledge of the system – only Omari and Alejandro have this among the five.
3. Fariha was documented by the witness sighting in a different building during the window.
4. Dimah was at a scheduled conference call during the window.
5. Alejandro claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
6. Omari's freezer access log confirms they were at the external office from 13:00 to 16:00.
7. The PI office is normally accessed only via freezer key, and Alejandro's biohazard clearance was used at 13:00.

## Deduction Mysteries

### CASE 07

The box-office receipts were taken from the rehearsal hall of Argent Theatre between 15:10 and 17:30. The operation required required certifications. Five people had any plausible connection: Zinnia (director), Tariq (costume designer), Akhil (musical director), Hadley (stagehand), Leander (box-office manager).

#### Q Who took the box-office receipts?

1. Akhil was documented by the dressing-room sign-in in a different building during the window.
2. Hadley was documented by the dressing-room sign-in in a different building during the window.
3. Tariq claims to have been working alone in their office during the window. No supporting evidence has been provided.
4. Zinnia was at a scheduled conference call during the window.
5. Leander's box-office system confirms they were at the external office from 15:10 to 17:30.
6. The rehearsal hall is normally accessed only via prop-room code, and Tariq's box-office key was used at 15:10.
7. The theft required required certifications – only Tariq and Leander have this among the five.

### CASE 08

A curator notebook was taken from the reference desk of Helix Reading Room between 15:40 and 18:00. The operation required technical training. Five people had any plausible connection: Omari (research assistant), Nadia (archivist), Mauro (reference librarian), Leander (visiting scholar), Rhys (cataloger).

#### Q Who took the curator notebook?

1. Rhys was at a scheduled external meeting during the window.
2. The reference desk is normally accessed only via archive badge, and Mauro's archive badge was used at 15:40.
3. The theft required technical training – only Omari and Mauro have this among the five.
4. Mauro claims to have been out for a long break during the window. No supporting evidence has been provided.
5. Leander was at the external facility the entire window during the window.
6. Omari's badge swipe confirms they were at the external office from 15:40 to 18:00.
7. Nadia was at the external facility the entire window during the window.

### CASE 09

A research notebook was swapped from the centrifuge bay of Solstice Research between 13:00 and 16:00. The operation required technical training. Five people had any plausible connection: Kasper (principal investigator), Faye (lab technician), Akira (visiting scientist), Elspeth (equipment manager), Zephyr (graduate student).

#### Q Who swapped the research notebook?

1. The centrifuge bay is normally accessed only via biohazard clearance, and Akira's lab badge was used at 13:00.
2. Elspeth was at the main office the entire window during the window.
3. Zephyr was at a scheduled external meeting during the window.
4. Faye's equipment timestamp confirms they were at the remote facility from 13:00 to 16:00.
5. Akira claims to have been out for a long break during the window. No supporting evidence has been provided.
6. The sample tampering required technical training – only Akira and Faye have this among the five.
7. Kasper was at a scheduled training course during the window.

## Answer Key – Deduction Mysteries

Solve before peeking. Correct suspect and key reasoning steps below.

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### Case 01 D) Kiran

- ☒ The theft required expert knowledge of the system.
  - ☒ Galina lacks the required skill – cleared.
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### Case 02 B) Gunnar

- ☒ The corporate theft required specialized access privileges.
  - ☒ Yusuf lacks the required skill – cleared.
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### Case 03 E) Hattie

- ☒ The data theft required required certifications.
  - ☒ Pavel lacks the required skill – cleared.
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### Case 04 A) Marisol

- ☒ The sample tampering required specialized access privileges.
  - ☒ Tess lacks the required skill – cleared.
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### Case 05 A) Akira

- ☒ The theft required expert knowledge of the system.
  - ☒ Cedric lacks the required skill – cleared.
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### Case 06 D) Alejandro

- ☒ The sample tampering required expert knowledge of the system.
  - ☒ Gemma lacks the required skill – cleared.
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### Case 07 C) Tariq

- ☒ The theft required required certifications.
  - ☒ Zinnia lacks the required skill – cleared.
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### Case 08 D) Mauro

- ☒ The theft required technical training.
  - ☒ Nadia lacks the required skill – cleared.
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### Case 09 B) Akira

- ☒ The sample tampering required technical training.
  - ☒ Kasper lacks the required skill – cleared.
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