M07 Incident Tracker

Python Code

```
class Incident:
    total_incidents = 0
    total_damage = 0.0

    def __init__(self, incident_type, organization, severity_level, estimated_damage):
        self.incident_type = incident_type
        self.organization = organization
        self.severity_level = severity_level
        self.estimated_damage = estimated_damage

        Incident.total_incidents += 1
        Incident.total_damage += estimated_damage

# Create some incidents
incident1 = Incident("Phishing", "Bank of America", "High", 25000.00)
incident2 = Incident("Malware", "Equifax", "Critical", 100000.00)
incident3 = Incident("DDoS Attack", "IRS", "Medium", 50000.00)

# Print total incidents and total damage
print("Total Incidents Recorded:", Incident.total_incidents)
print("Total Estimated Damage: $", Incident.total_damage)

# Calculate and print average damage
average_damage = Incident.total_damage / Incident.total_incidents
print("Average Estimated Damage per Incident: $", round(average_damage, 2))
```

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Screenshot of Output