EC-Council

CYBER BRIEF

MAR 2021

Develop a passion for learning. If you do, you will never cease to grow.

- Anthony J. D'angelo

The beginning of the new financial year is a great time to analyze our biggest strengths and weaknesses on the cybersecurity front. The March Cyber Brief places a special focus on the need for diversity and inclusion in cybersecurity, which also emphasizing on the various new threat areas that need more attention. We hope that this issue will address those questions about cybersecurity that have remained unanswered, until now.

Access EC-Council's Cyber Brief - Feb 2021 here »

Chief Information Security Officers

Webinar

Mansi Thapar

IT Leader, Head – Information Security
at Jaquar Group

HOW TO NAVIGATE YOUR FIRST 90 DAYS AS A CISO

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A Business Information Security Officer (BISO) is a senior security leader assigned to lead a group or business unit's security policy...

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In enterprise IT, Identity and Access Management (IAM) is about identifying and...

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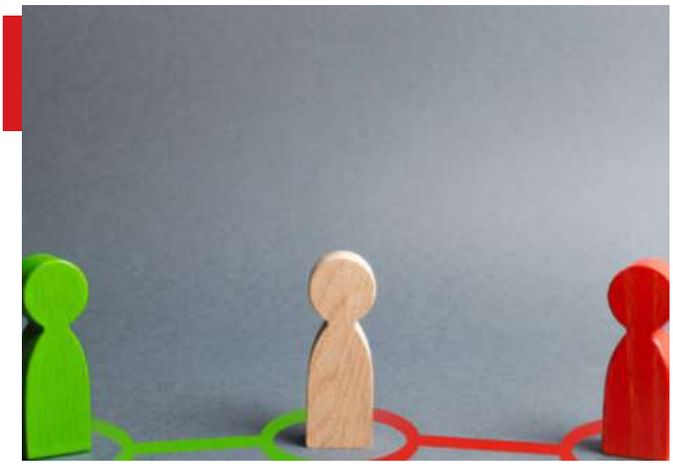

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With the increase in usage of network and cloud technology...

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CYBERSECURITY INCIDENT RESPONSE

5 DO'S & DON'TS OF EFFECTIVE INCIDENT RESPONSE

DO'S AND DON'TS

DO'S

- Collect volatile data and other critical artifacts from the system using forensic tools
- Collect external intelligence based on Identified Indicators of Compromise (IOC)
- Secure systems and other media for forensic collection
- Gather appropriate logs at both network & end point level
- Communicate with potential customers and stakeholders

DON'TS

- Panicking makes things worse
- Never shut down compromised systems
- Never discuss the incident with others unless otherwise directed
- Never use domain admin credentials to access the systems environment
- Never execute any non-forensic software on compromised systems

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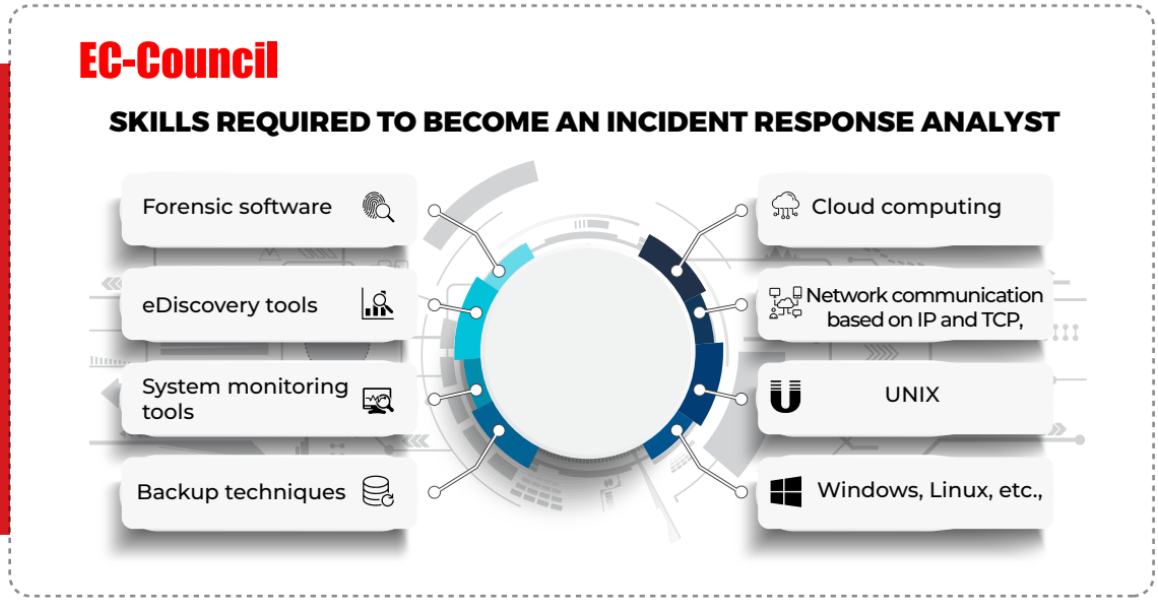

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Imagine a scenario where internet connectivity is lost for a day due to a denial of service attack.

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The threat landscape is evolving every day...

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In the event of a cybersecurity breach, logs play a crucial role in various activities...

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The rise of cybersecurity threats and the large volume of data involved...

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WHAT IS SOC 2 TYPE 2 CERTIFICATION?

Data security has always been important for organizations, especially so for business...

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CSA Certified SOC Analyst

Simplified SOC Analyst Roles

ALERTS BY:

- IT Dept's
- Help Desk (Users)
- Security Intelligence Platform

TIER 1 ANALYST (Triage)

- Monitor event logs
- Basic Investigation and Mitigation
- Opens tickets, closes false positives

TIER 2 ANALYST (Investigation)

- Finding nature of threat
- Co-ordinate a response to remediate the issue
- Mitigation / recommends changes

TIER 3 ANALYST (Threat Hunting)

- Support incident response & looks for Forensic & telemetry data
- Prevention
- Mitigation / recommends changes
- Threat Hunting
- Counter intelligence
- Malware Reverser

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The primary function of a Security Operations Center (SOC) is to prevent...

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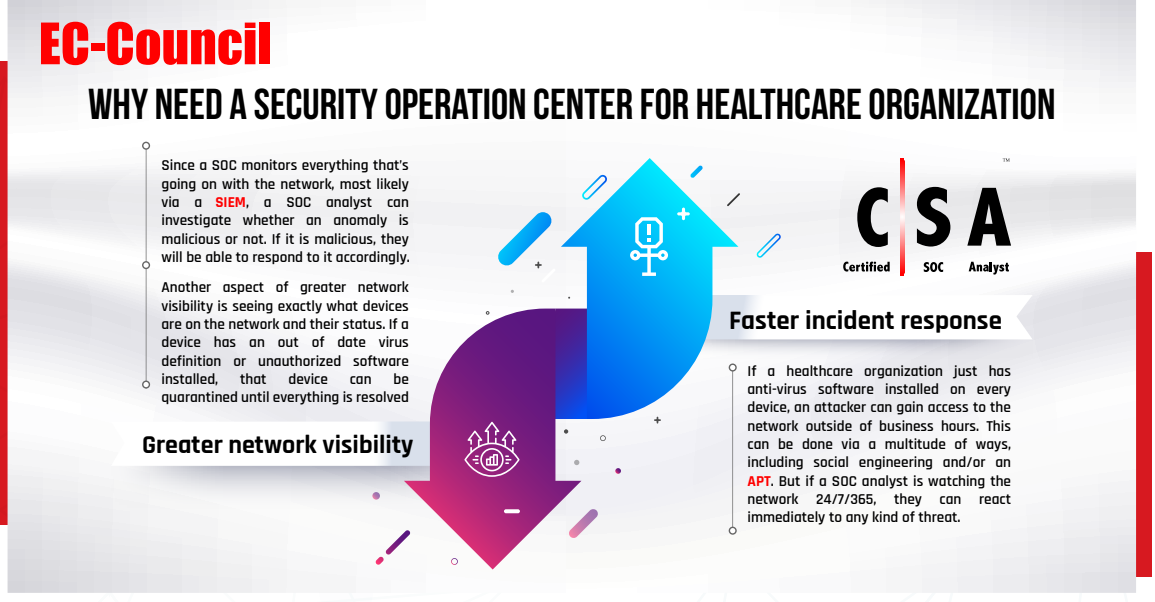

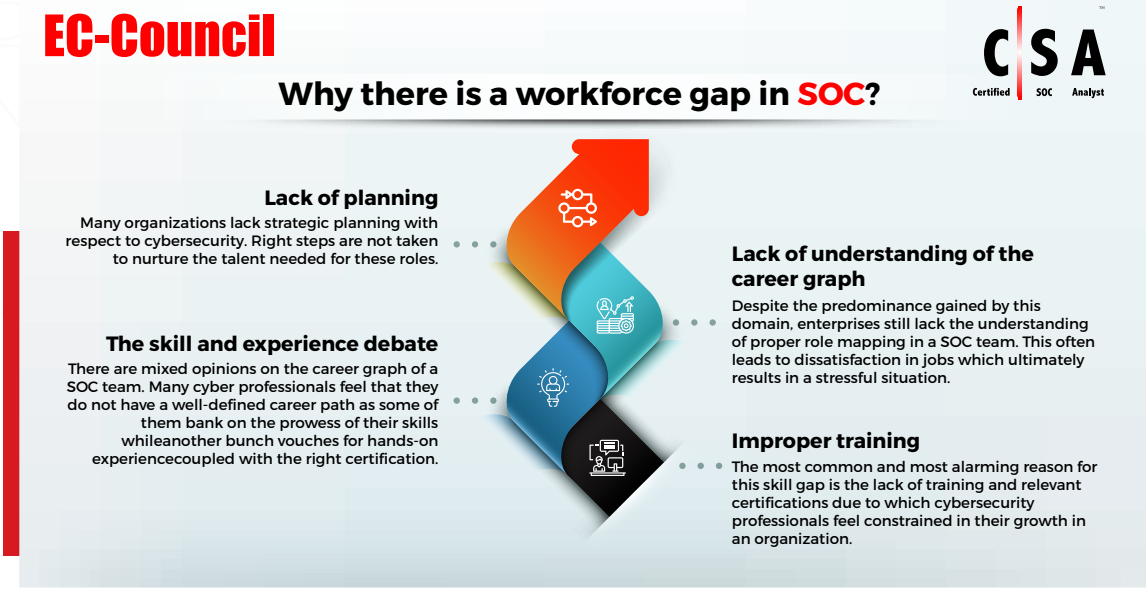

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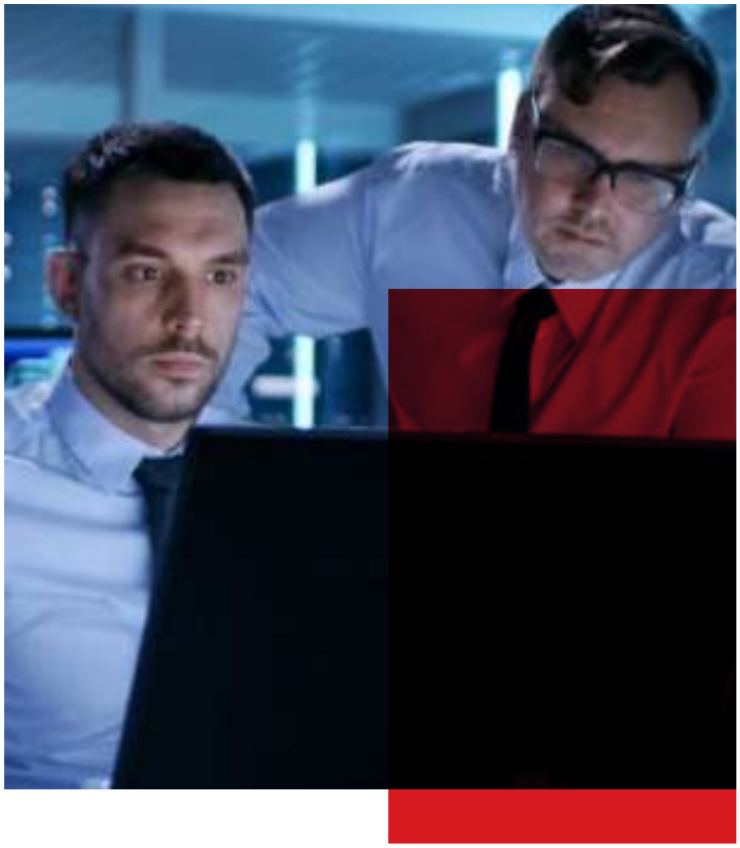

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3 PRIMARY ELEMENTS OF A CYBER-SECURITY OPERATIONS CENTER

With so many headlines talking about the rise of cyber threats, it's no surprise that organizations are looking to create Cybersecurity Operations Centers

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Threat Intelligence Analysts

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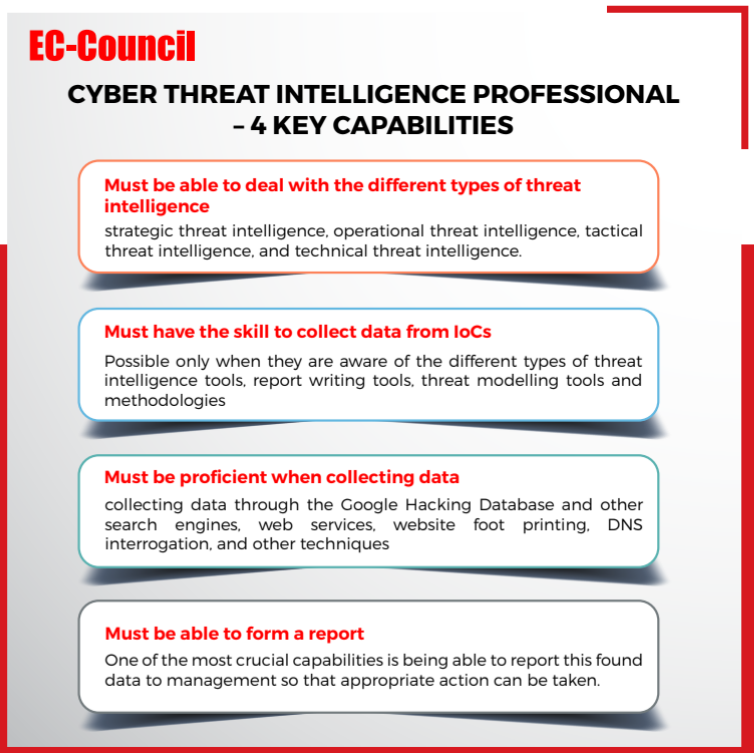

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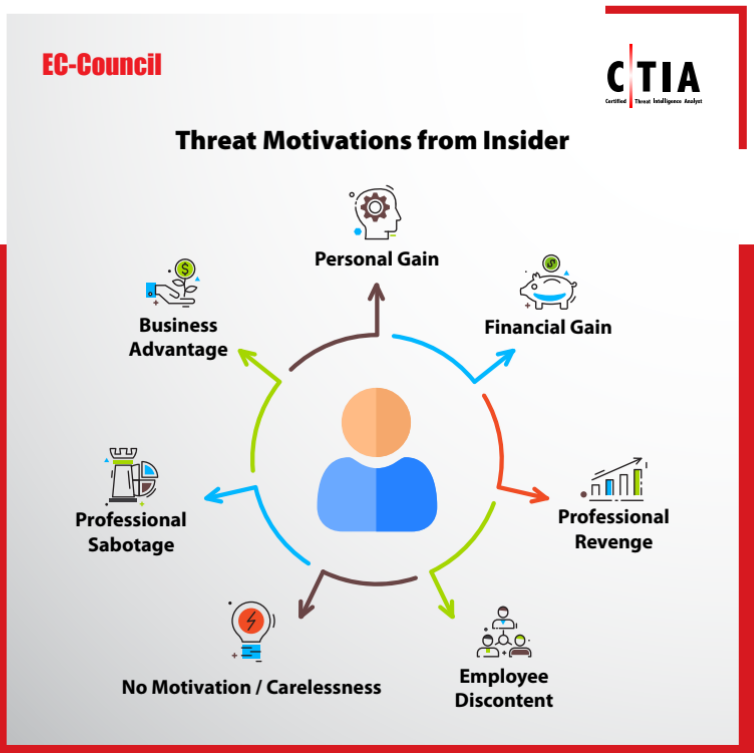

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Essentially, threat intelligence is the compiled data that can be circulated...

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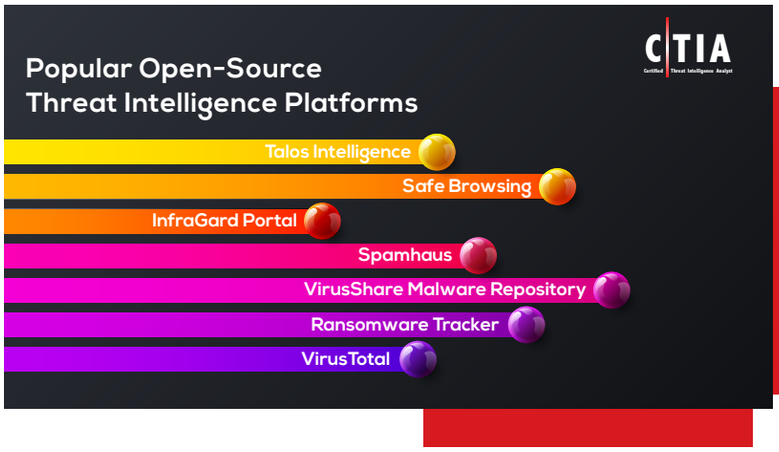

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INDICATORS OF COMPROMISE (IOCS)TO WATCH OUT FOR

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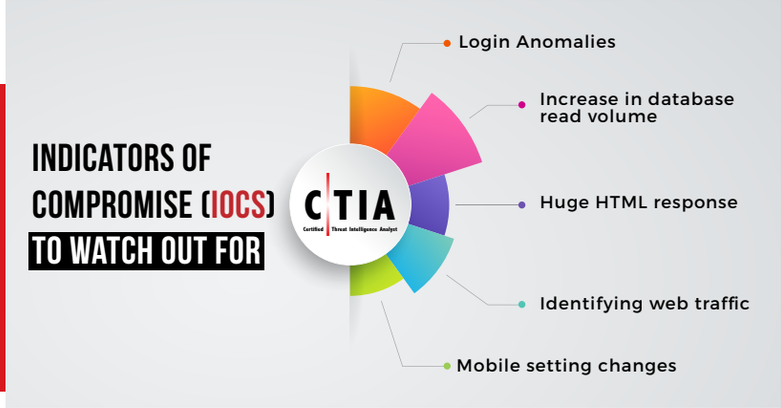

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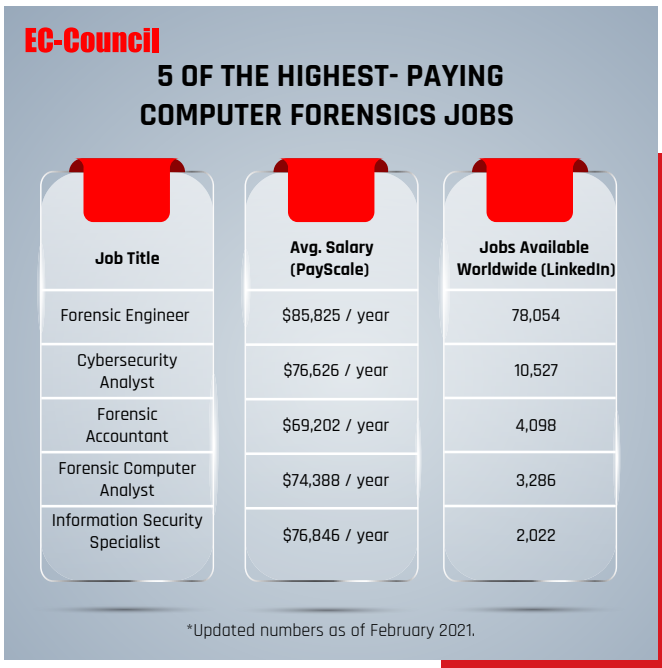

Job Title	Avg. Salary (PayScale)	Jobs Available Worldwide (LinkedIn)
Forensic Engineer	$85,825 / year	78,054
Cybersecurity Analyst	$76,626 / year	10,527
Forensic Accountant	$69,202 / year	4,098
Forensic Computer Analyst	$74,388 / year	3,286
Information Security Specialist	$76,846 / year	2,022

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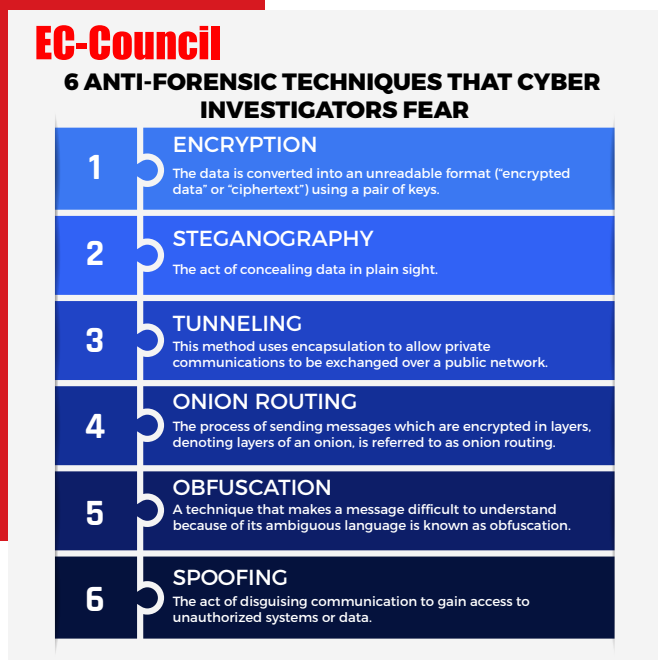

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Irene Corpuz

Co-founder of the Women in Cyber Security Middle East (WiCSME)

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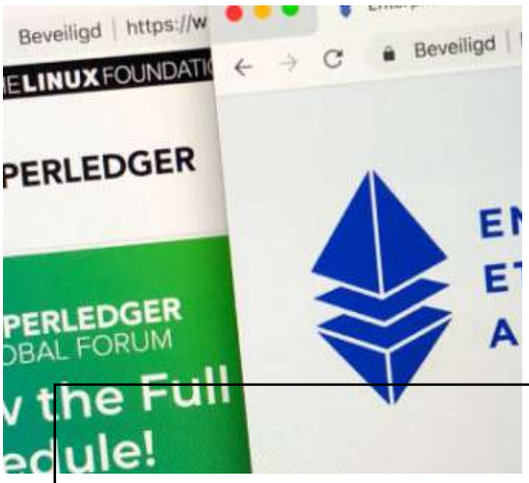

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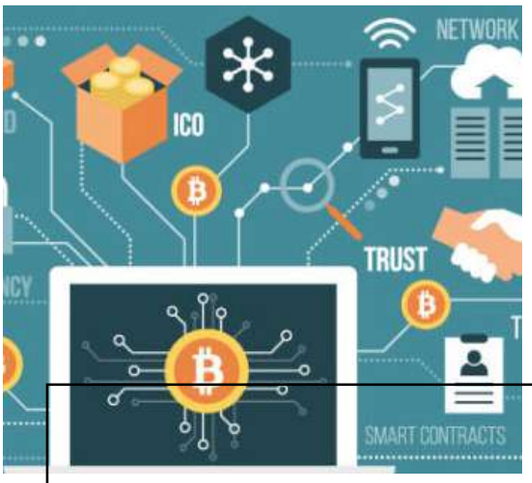

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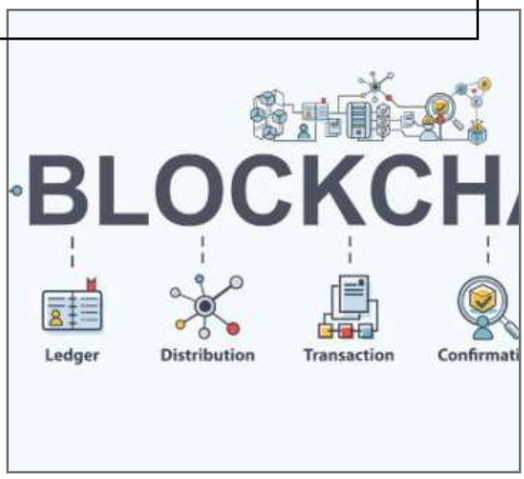

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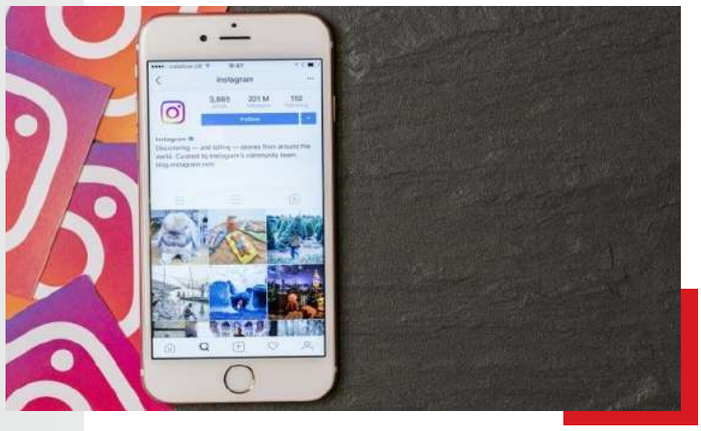

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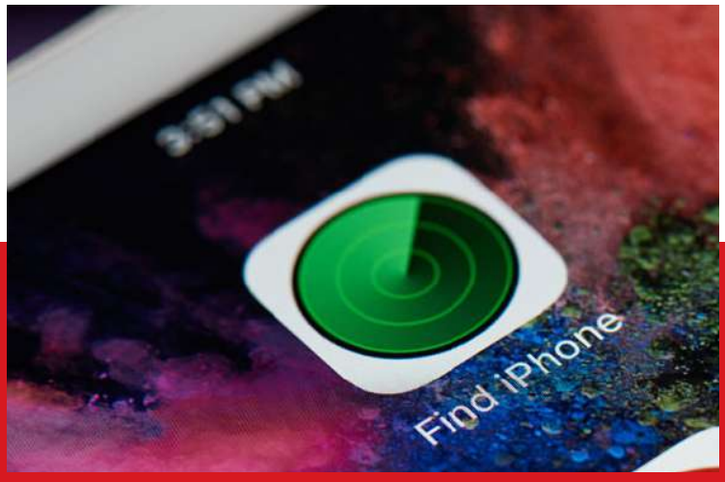

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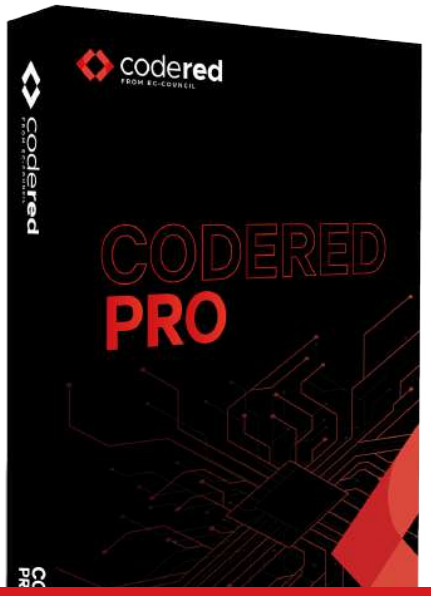

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