

# Technology Tools For Ministry Day 2 Review

A Practical Guide to Equipping Churches in the Digital Age

By

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**Course 9024**

Presented by Reverend Robert Johnson, MSW

# Class Schedule

Day 1      Foundation of Ministry Technology & Communication      Chapters 1-3

Day 2      Computer Security, Worship , Administration & AI      Chapters 4-5, 8

Day 3      Case Studies, Tech Challenges, Action Plan & Resources      Chapters 6, 9-10

***Students may access and download class handouts at [www.matureword.com](http://www.matureword.com).***

# Overview - Identity Fraud

## **Identify types of Identity Fraud and Steps to Mitigate Identity Fraud Compromise**

(1) Introduction to Identity Fraud

(2) Criminal Identity Theft

(3) Digital Identity Theft

(4) Identity Theft Insurance

SNAPSHOT

**5.7**  
**MILLION**  
**REPORTS**

## TOP THREE CATEGORIES

- 1 Identity Theft
- 2 Imposter Scams
- 3 Credit Bureaus, Info Furnishers and Report Users

**2.8 million fraud reports**

**25%** reported  
a loss



**\$5.9 billion**  
total fraud losses

**\$500**  
median loss



SNAPSHOT

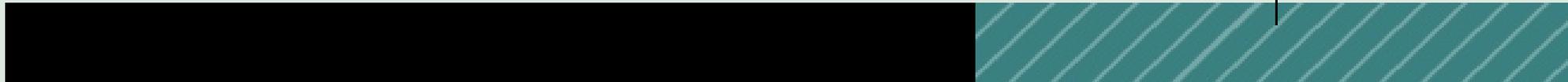
6.5  
MILLION  
REPORTS

## TOP THREE CATEGORIES

- 1 Credit Bureaus and Information Furnishers
- 2 Identity Theft
- 3 Imposter Scams

2.6 million fraud reports

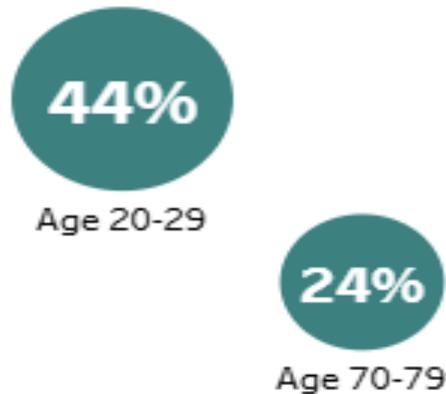
38% reported a loss



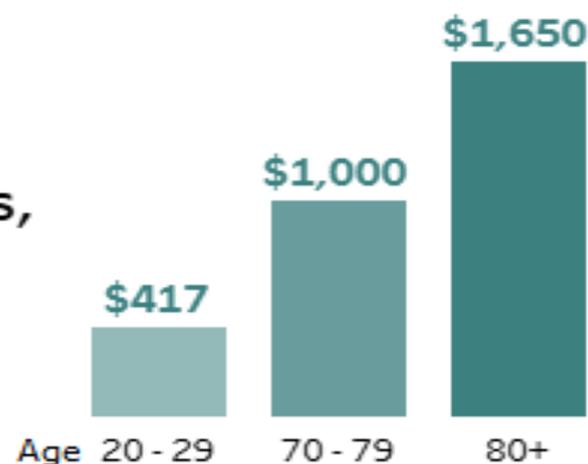
\$12.8 billion  
total fraud losses

\$499  
median loss

**Younger people** reported losing money to fraud **more often than older people.**



But when people aged 70+ had a loss, **the median loss was much higher.**



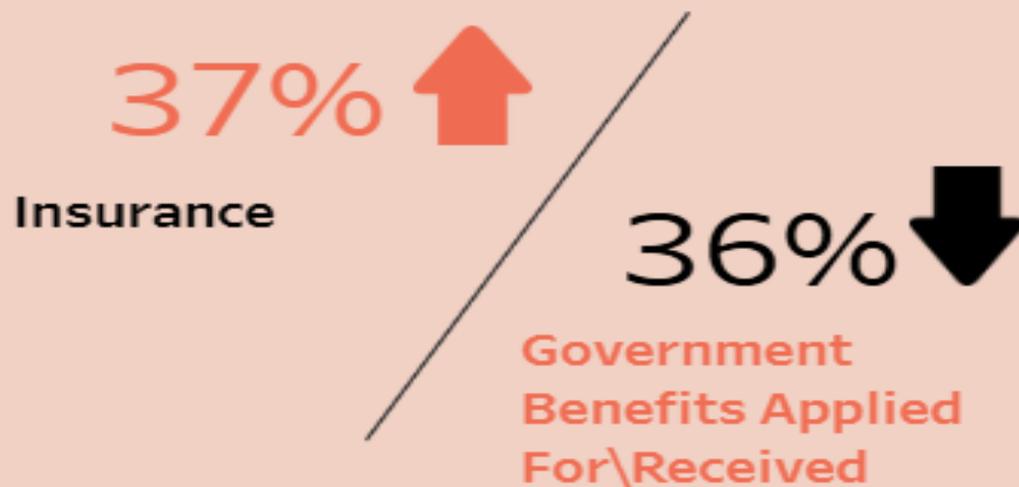
## Imposter Scams



ABOUT  
**1 in 5**  
**PEOPLE**  
LOST MONEY

**\$2.984 billion**  
reported lost  
**\$800 median loss**

## Identity Theft Reports



FEDERAL TRADE COMMISSION • [ftc.gov/data](https://www.ftc.gov/data)



## CONSUMER SENTINEL NETWORK

DATA BOOK 2024

### Reports by Military Consumers



### Top 10 Fraud Categories

Rank	Category	# of Reports	% Reporting \$ Loss	Total \$ Loss	Median \$ Loss
1	Imposter Scams	44,587	23%	\$199.6M	\$1,110
2	Online Shopping and Negative Reviews	11,515	81%	\$22.5M	\$150
3	Investment Related	4,750	73%	\$208.1M	\$10,000
4	Business and Job Opportunities	4,655	35%	\$38.4M	\$2,800
5	Prizes, Sweepstakes and Lotteries	3,469	33%	\$29.2M	\$1,665
6	Internet Services	2,558	18%	\$3.2M	\$214
7	Telephone and Mobile Services	2,247	42%	\$2.6M	\$200
8	Mortgage Foreclosure Relief and Debt Management	2,071	26%	\$9.4M	\$1,356
9	Travel, Vacations and Timeshare Plans	1,385	71%	\$18.6M	\$2,746
10	Advance Payments for Credit Services	1,189	34%	\$9.7M	\$1,350

### Identity Theft Types

Rank	Theft Type	# of Reports
1	Credit Card	14,088
2	Loan or Lease	8,365
3	Other Identity Theft	7,556
4	Bank Account	7,485
5	Phone or Utilities	4,258
6	Government Documents or Benefits	3,479
7	Employment or Tax-Related	3,264

**99,443**  
# of Fraud Reports

**31,833 (32%)**  
# of Reports with \$ Loss

### Top 10 Other Categories

Rank	Category	# of Reports
1	Credit Bureaus and Information Furnishers	20,536
2	Banks and Lenders	16,801
3	Debt Collection	6,329
4	Credit Cards	5,726
5	Auto Related	5,073
6	Home Improvement, Repair, and Solar	1,577
7	Privacy, Data Security, and Cyber Threats	1,567
8	Education	1,226
9	Television and Electronic Media	844
10	Computer Equipment and Software	186

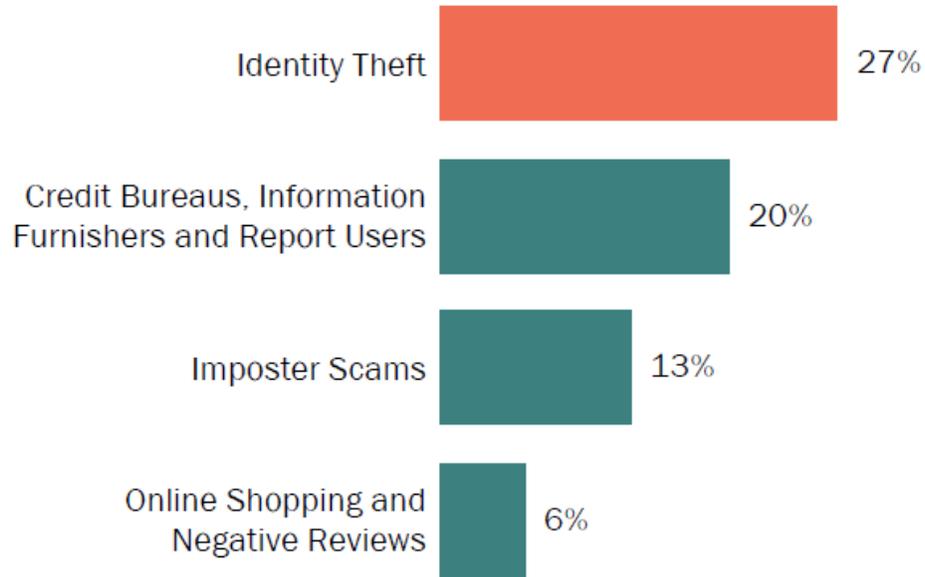
**\$584M**  
Total \$ Loss

**\$700**  
Median \$ Loss

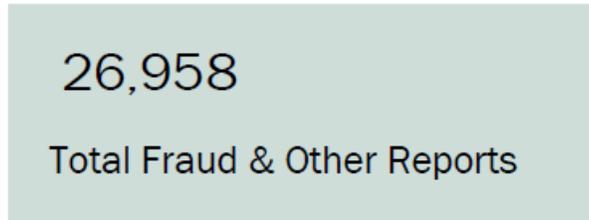
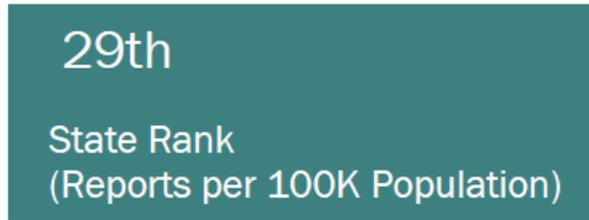
Certain categories are comprised of subcategories that fall in both Fraud and Other report types. See Appendix B3. The Fraud rankings exclude subcategories that are not fraud, and the Other rankings exclude subcategories that are classified as fraud.

# Mississippi

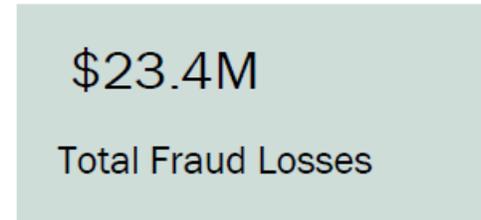
## Top Ten Report Categories



## Fraud & Other Reports



## Fraud Losses



## Fraud & Other Reports by Metropolitan Area

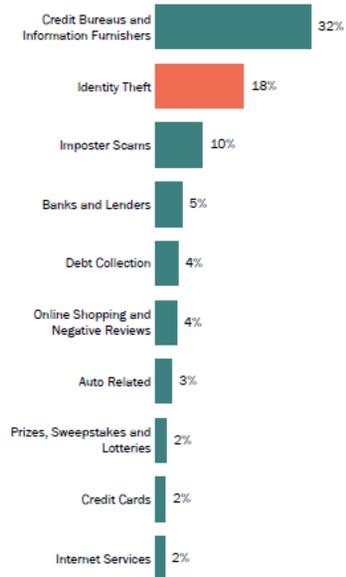


### CONSUMER SENTINEL NETWORK

DATA BOOK 2024

## Mississippi

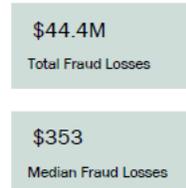
### Top Ten Report Categories



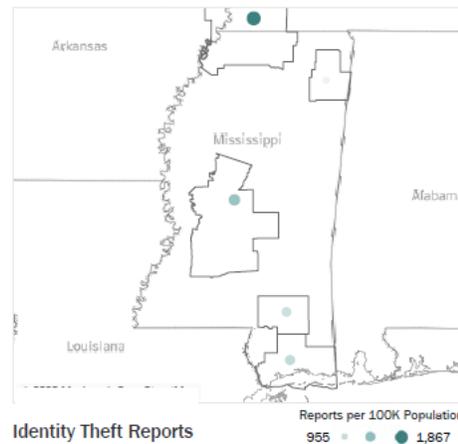
### Fraud & Other Reports



### Fraud Losses



### Fraud & Other Reports by Metropolitan Area



### Top Identity Theft Types



### Identity Theft Reports



Percentages are based on the total number of relevant 2024 reports from Mississippi consumers, as indicated in the chart title. Consumers can report multiple types of identity theft.

# Internet of Things Identity Fraud



Devices created with insecure or no security

Device connected to your email account

Secure wireless network - rotate strong passwords

# Medical Identity Fraud

- Identify who could have access to your PII and business accounts
- Secure account information and Insurance Cards – safe or secure closet



FREE CREDIT MONITORING



PAID CREDIT MONITORING

# Report Fraud to Police and Respective Businesses

1

File a police report

2

File an identity theft complaint with the Federal Trade Commission

3

File a complaint with the appropriate credit bureaus



It is **illegal** to knowingly file a false identity theft report with the Federal Trade Commission.  
Filing a false report may result in a fine, imprisonment, or both.

Report identity theft  
and get a recovery plan

[Report Identity Theft](#) →

[Deal With a Data Breach](#)

[Browse Recovery Steps](#)



IdentityTheft.gov can help you report and recover from identity theft.

**HERE'S HOW IT WORKS:**



**Tell us what happened.**

We'll ask some questions about your situation. Tell us as much as you can.



**Get a recovery plan.**

We'll use that info to create a personal recovery plan.



**Put your plan into action.**

If you create an account, we'll walk you through each recovery step, update your plan as needed, track your progress, and pre-fill forms and letters for you.

# Report Fraud to Police and Respective Businesses

Freeze or place	Freeze or place a fraud alert on your credit reports
Create	Create strong passwords, two-factor authentication for cellphone, email, Wi-Fi
Use	Use VPN when using an insecure network
Shred	Shred unused bank documents and other PII

# How cybercriminals collect your data for digital identity theft

## Data breaches

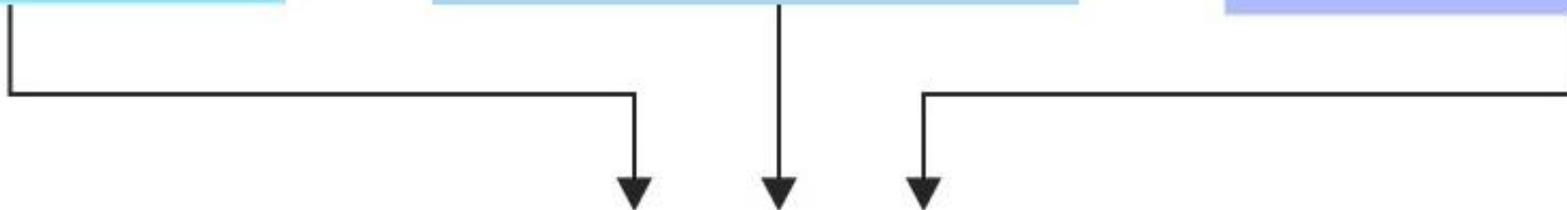
- Email address
- Password
- Medical records
- Financial records
- Home address

## Social media profiles

- Full name
- Birth date
- Phone number
- Family & friends
- Employer & colleagues

## Malware infection

- Keystrokes
- Sent & received emails
- Location data
- Chats & messages
- Documents with sensitive info



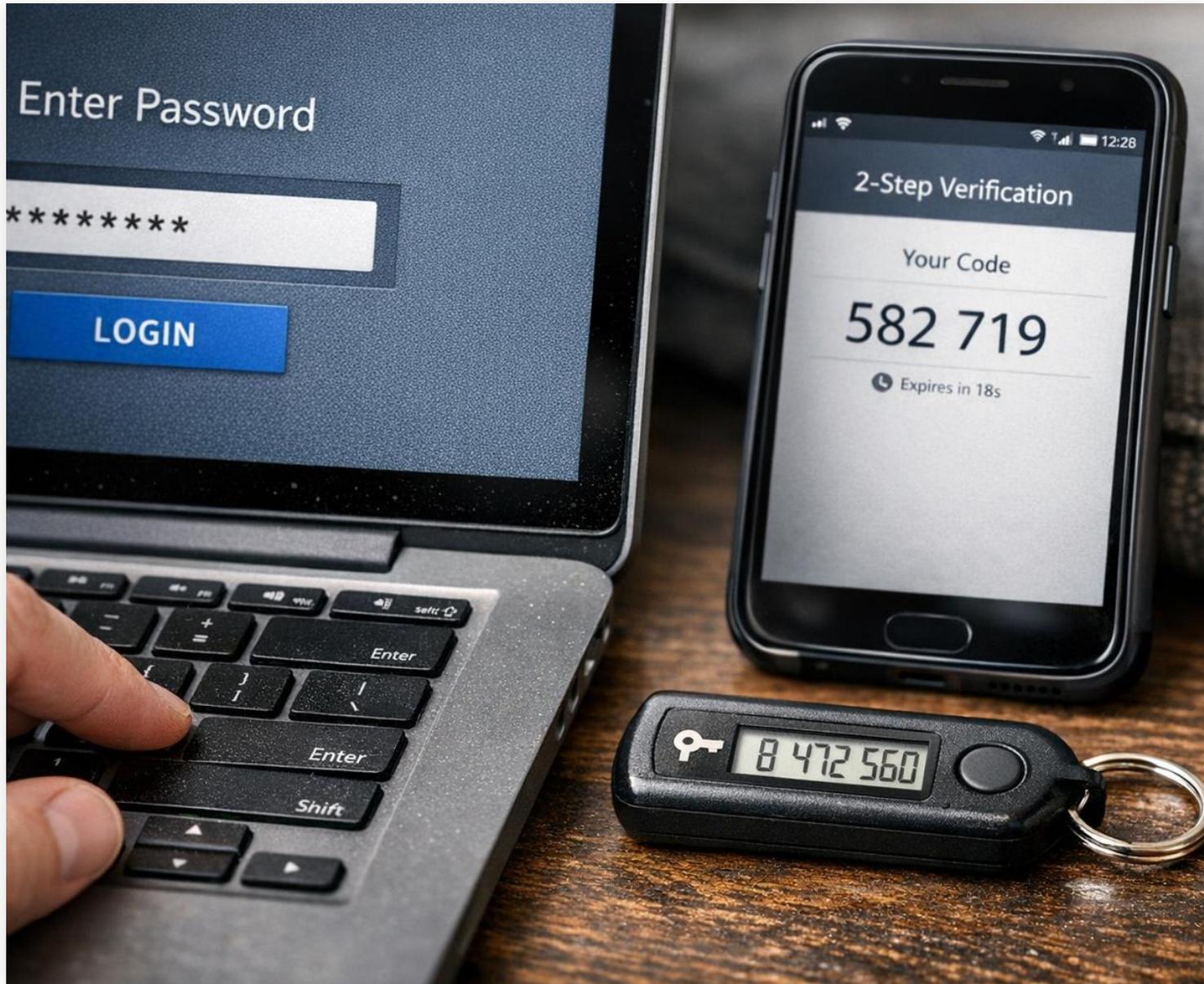
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# BEST PRACTICES FOR PROTECTING PERSONAL INFORMATION

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# ONLINE SECURITY STEPS

- Understanding the Importance of Online Security
- Step 1: Use Strong and Unique Passwords
- Step 2: Enable Two-Factor Authentication
- Step 3: Keep Your Software Updated
- Step 4: Be Cautious With Email and Links
- Step 5: Use Secure Wi-Fi Connections
- Step 6: Install and Maintain Antivirus Software
- Step 7: Protect Your Personal Information
- Step 8: Backup Your Data Regularly
- Step 9: Monitor Your Accounts and Devices
- Step 10: Stay Informed and Educated



# CREATING STRONG PASSWORDS AND AUTHENTICATION

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## Strong Password Composition

Combining uppercase, lowercase, numbers, and symbols creates strong passwords that greatly reduce breach risks.

## Importance of Two-Factor Authentication

Two-factor authentication requires additional verification, reducing unauthorized access by up to 99.9%.

## Password Managers

Password managers help maintain unique and secure credentials, preventing password reuse and theft.



# CHARACTERISTICS OF STRONG PASSWORDS

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## Password Composition

Strong passwords include uppercase, lowercase letters, numbers, and special characters for enhanced security.

## Minimum Length Requirement

A minimum of 12 characters in passwords greatly improves their strength and resistance to attacks.

## Randomness and Passphrases

Using random sequences or passphrases makes passwords significantly harder to crack.

## Resistance to Brute-force

Complexity combined with length exponentially increases resistance to brute-force attacks.



# SAFE BROWSING HABITS

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## Avoid Suspicious Links

Avoid clicking on suspicious links to reduce risk of malware and phishing attacks during browsing sessions.

## Verify HTTPS Usage

Always check for HTTPS to ensure secure data transmission and protect personal information online.

## Clear Cookies Regularly

Regularly clear cookies to enhance privacy and prevent tracking by websites and advertisers.

## Use Security Extensions

Install browser security extensions and keep software updated to reduce exposure to cyber threats.



# SECURITY SOFTWARE AND UPDATES

## Types of Security Software

Antivirus, anti-malware, and firewall programs are essential to defend against diverse cyber threats.

## Risk of Outdated Systems

Systems lacking critical updates are 3.5 times more vulnerable to cyber attacks and breaches.

## Benefits of Auto-Update

Auto-update settings ensure timely patch deployment, effectively reducing exposure to new vulnerabilities.

# Pricing to fit your needs

Churches come in all shapes and sizes. So our pricing does too!

Weekly Attendance

Billing Cycle



## EasyWorship Basic

*Great value!*

Starting At

**\$15.00** USD /mo.

Price varies based on attendance and billing cycle

[Subscribe to Basic](#)

### Basic Subscription (Software Only)

Our essential subscription gives you reliable church presentation software with up-to-date features and unlimited free support.

- ✓ Campus License



## EasyWorship Premium

*Best value including media!*

Starting At

**\$23.33** USD /mo.

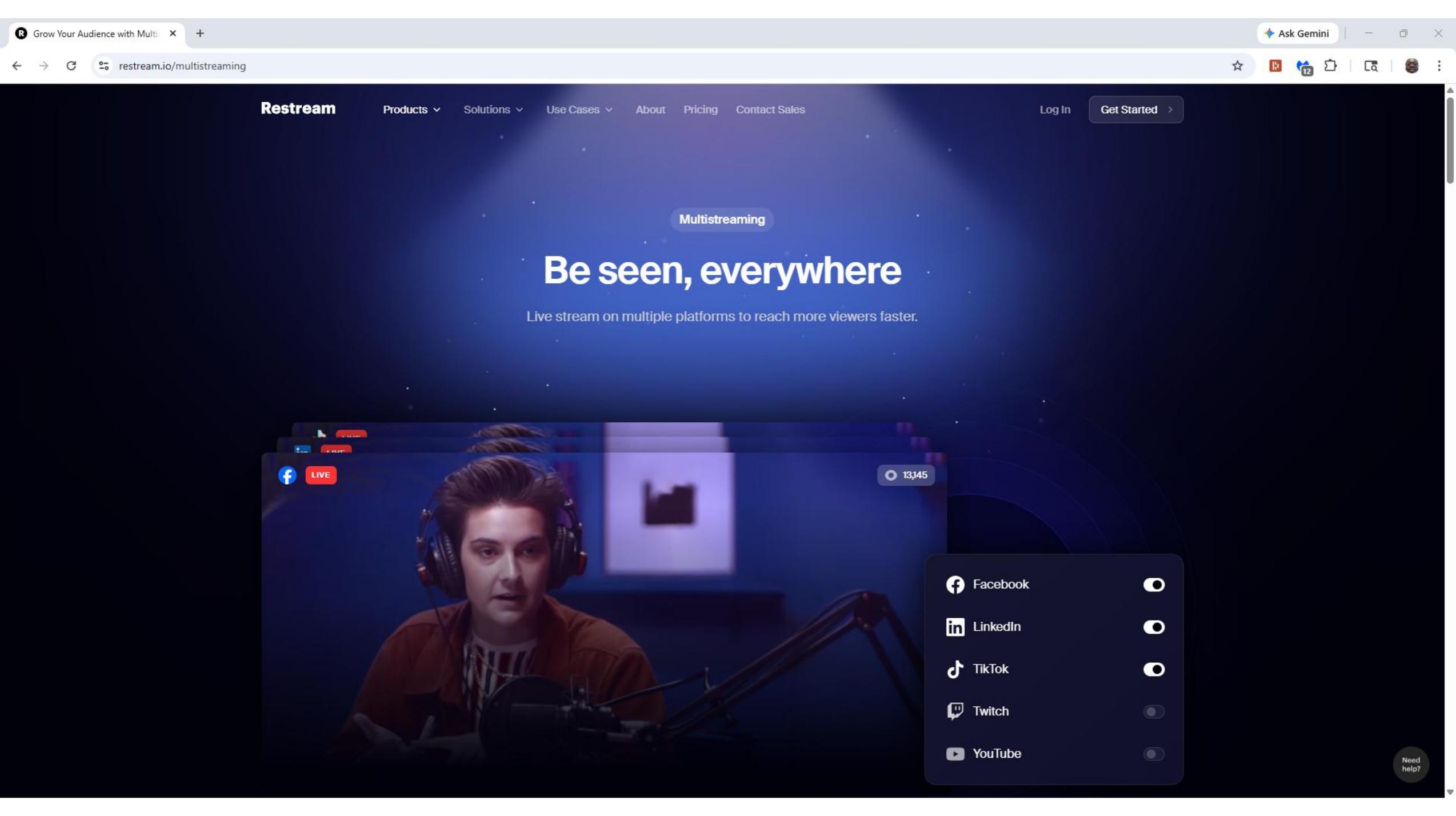
Price varies based on attendance and billing cycle

[Subscribe to Premium](#)

### Premium Subscription (Software + Media)

Our creative subscription includes everything that comes with Basic, plus the design boost of our Premium media library.

- ✓ Campus License



Restream

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Log In

Get Started

Multistreaming

# Be seen, everywhere

Live stream on multiple platforms to reach more viewers faster.



- Facebook
- LinkedIn
- TikTok
- Twitch
- YouTube

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# All in one Visual Suite

Productivity, meets creativity. Bring your entire workflow in one place for seamless creation and collaboration, powered by AI.

Start designing today

New

Email

Say goodbye to clunky messages and say hello to inbox glow-ups. Create, optimize, and collaborate, then export as HTML to use on any platform.

Key features

- **Curated email templates** to jump-start creation
- **Email elements** (headers, footers, buttons, icons) to help you assemble layouts quickly
- Send **test emails** to validate subject, layout, and styling
- Send your email designs anywhere with seamless **HTML export**

AI

Artificial Intelligence

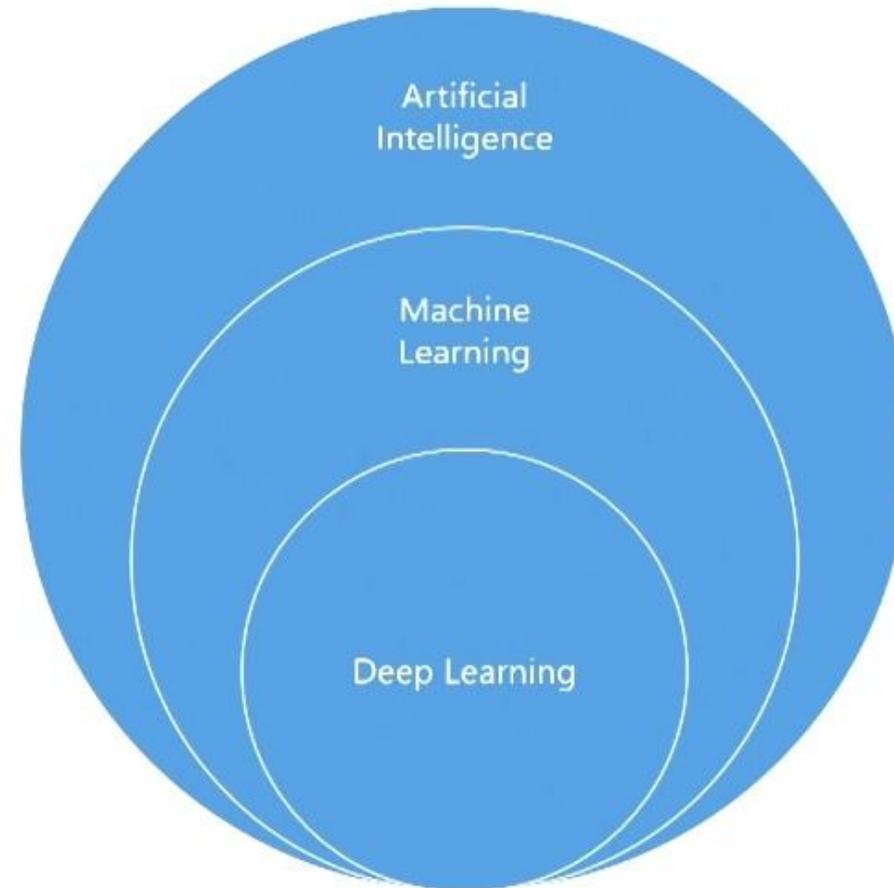
# Simple Examples of AI

- Voice Recognition - Asking Google or Siri to do something
- Using Search Engines – Google, Bing, etc.
- Spam filters use AI to deliver spam to our In-Box
- Self driving cars use AI like Waymo

# AI News

- Feedly – [www.feedly.com](http://www.feedly.com)
- Google News – [www.news.google.com](http://www.news.google.com)
- Science Daily – [www.sciencedaily.com](http://www.sciencedaily.com) – go to AI section
- AI News – [www.artificialintelligence-news.com](http://www.artificialintelligence-news.com)
- AI Framework - [www.tensorflow.org](http://www.tensorflow.org)

# AI – Intelligent (Computer) Machines



# AI – Machine Learning

- AI – Learning phase – Google Search Engine
- Machine Learning is not enough
- Deep Learning – Use of huge data sets and Algorithms

# AI Shortfalls

- Not enough data or data sets
- AI, like Self Driving Cars, needs years of data
- Latency – slow reaction or delay