

A
Practical Assignment
On
New Age Life Skills
MCA Full Stack in association with GOOGLE



RUNGTA INTERNATIONAL SKILLS UNIVERSITY

SESSION: 2025-26

Submitted To :-

Ms. Priya Das

Submitted By:-

Student name – Lokesh Sahu

ERP NO. – RU-25-10755

Submitted To:

**RUNGTA INTERNATIONAL SKILLS
UNIVERSITY,CG**

SCHOOL OF INFORMATION TECHNOLOGY

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S. No	Name Of Practical	Submission Date	Remark
1.	Design a professional resume using templates.	22-09-2025	
2.	Create a Career Oriented Presentation with 7 slides using transitions and animations.	29-09-2025	
3.	Create a social media poster for “DIGITAL AWARENESS WEEK” using canva.	01-10-2025	
4.	Compose & send a professional email with an attachment as “you are applying for an internship, send email to HR with your resume attached”;	06-10-2025	
	Design a complete Google Form survey and analyze responses. <ul style="list-style-type: none"> a) Create a Google Form titled “Student Attendance Report”. b) Include the following question types: <ul style="list-style-type: none"> ● 5 MCQs ● 1 Rating scale (1–5) ● 1 Short answer c) Customize the theme (header image + color). d) Share the form link with 5 friends and collect responses. e) Generate charts from responses and take screenshots of the analysis page. 	11-10-2025	

6.	<p>Demonstrate the creation and management of your digital identity.</p> <ul style="list-style-type: none"> a) Create a social media profile (LinkedIn preferred). b) Add a profile photo, short bio, skills, and education details. c) Create a simple post about “My Learning Journey in Digital Literacy.” d) Change your privacy settings to: <ul style="list-style-type: none"> a. Who can see your posts. b. Who can message you 	31-10-2025	
7.	<p>Using Google Drive or OneDrive:</p> <ul style="list-style-type: none"> a) Create a new folder named “Unit 3 Practical Work”. b) Upload 3 different files (PDF, image, document). c) Organize them in subfolders: Notes, Images, Assignments. d) Share the main folder with your teacher with View Only permission. 	13-11-2025	
8.	<p>Identify one real phishing email : A final-year student, Aman, receives a LinkedIn message saying:</p> <p>“You are shortlisted for a Remote Software Developer role at Google.</p> <p>Salary: ₹18 LPA.</p> <p>Pay ₹2,499 as verification fee.</p> <p>Limited seats. Pay now to confirm.”</p> <p><u>ANSWER THE QUESTIONS :-</u></p> <ul style="list-style-type: none"> a) What type of cybercrime is happening here? b) List 3 red flags that show it is a scam? c) What should he do to verify if a job offer is real? 	19-11-2025	
9.	<p>Create a Google Form Quiz with the following requirements:</p> <ul style="list-style-type: none"> a) Convert the form into a Quiz mode with automatic grading. b) Add 5 MCQ questions, each carrying 2 marks. 	24-11-2025	

	<p>c) Add 1 short answer question that requires manual evaluation.</p> <p>d) Turn ON the setting:</p> <ul style="list-style-type: none"> a. <i>Limit to 1 response</i> b. <i>Shuffle question order</i> c. <i>Release marks after manual review</i> <p>e) Add a timer add-on (like form presenter) and set up a 10-minute time limit.</p> <p>f) Finally, send the quiz link and view the response summary.</p>		
10.	<p>Ask ChatGPT OR Google Gemini to generate a 100–120 word paragraph on:</p> <p>“Is online learning better than offline learning for college students?”</p> <ul style="list-style-type: none"> a) Run the AI-generated text through Grammarly and any plagiarism-check tool. b) Now manually search online to check if similar sentences exist on blogs or articles. c) Identify 2–3 biased statements in the AI answer, such as: <ul style="list-style-type: none"> i. Over-generalizations ii. One-sided opinions iii. Unproven claims d) Rewrite the entire paragraph in a neutral and balanced way, using AI only for grammar suggestions. e) Submit 3 screenshots: <ul style="list-style-type: none"> i. Plagiarism check result ii. Grammarly suggestion page iii. Original AI paragraph vs your rewritten unbiased version 	29-11-2025	
C	<p>To compare AI-generated content with student-created content and understand limitations of AI.</p> <ul style="list-style-type: none"> a) Write a 100–150 word paragraph on the topic: “Will AI replace jobs or change them?” (This must be written by the student.) b) Ask any AI tool (ChatGPT/Gemini/Copilot) to write the same topic. 	03-12-2025	

	<p>c) In your practical copy, create a Comparison Table with the headings:</p> <p style="margin-left: 40px;">I. Human-Generated Content</p> <p style="margin-left: 40px;">II. AI-Generated Content</p>		
12.	<p>Create a new NotebookLM project titled: “My Chapter Revision Notes.”</p> <p>a) Upload multiple sources (any 2) such as:</p> <ul style="list-style-type: none"> i. PDF notes ii. Web articles iii. Text copied into NotebookLM <p>b) Ask NotebookLM to:</p> <ul style="list-style-type: none"> i. Create a combined study guide using all sources. ii. Generate flashcards for quick revision. iii. Create a concept map or explanation of the topic. <p>c) Manually check for:</p> <ul style="list-style-type: none"> i. Any incorrect facts ii. Repeated information iii. Missing important points <p>d) Attach 3 screenshots from NotebookLM:</p> <ul style="list-style-type: none"> i. Combined study guide ii. Flashcards iii. Concept map / explanation 	10-12-2025	
13.	<p>Create a complete Student Result Management workbook.</p> <p>a) Create a new workbook with 3 sheets renamed as:</p> <ul style="list-style-type: none"> a. <i>Student_Data</i> b. <i>Marks_Analysis</i> c. <i>Charts</i> <p>b) In <i>Student_Data</i>, enter a list of 15 students with: Name, Roll No, Class, City, Subject1, Subject2, Subject3.</p> <p>c) Use Flash Fill to split “Full Name” into “First Name” and “Last Name”.</p> <p>d) Use Find & Replace to replace city name “Delhii” with correct “Delhi”.</p>	19-12-2025	

	<p>e) Use IF function to calculate Pass/Fail (Pass = total ≥ 120).</p> <p>f) Use COUNTIF to find how many students belong to “Delhi”.</p> <p>g) Use AVERAGE, MAX, MIN to analyze marks in the <i>Marks_Analysis</i> sheet.</p> <p>h) On the <i>Charts</i> sheet, create:</p> <ul style="list-style-type: none"> i. A Bar Chart showing marks of any one subject. ii. A Pie Chart showing percentage of pass vs fail. iii. Apply Conditional Formatting to highlight marks < 40 in red. iv. Convert the table into a formatted Excel Table. 	
14.	<p>Build a workbook for managing and analyzing sales data of a small store.</p> <p>a) Create a workbook with sheets:</p> <ul style="list-style-type: none"> I. <i>Store_Sales</i> II. <i>Summary</i> III. <i>Charts</i> <p>b) Import a CSV sales file (or create a sample table) containing: Date, Product, Category, Quantity, Price, Total Sales.</p> <p>c) Use Sort (A→Z, Z→A) to organize products by name and category.</p> <p>d) Apply Filter to view only “Electronics” category.</p> <p>e) Use SUMIF to find total sales for a selected product (e.g., “Headphones”).</p> <p>f) Use LEFT, RIGHT, MID to extract:</p> <ul style="list-style-type: none"> I. First 3 letters of the product name II. Last 2 letters of the category 	24-12-2025

	<p>g) Find the highest and lowest sales value using MAX/MIN.</p> <p>h) Prepare a monthly sales summary in the <i>Summary</i> sheet using AVERAGE & SUM.</p> <p>i) Create a Line Chart of month-wise total sales in the <i>Charts</i> sheet.</p> <p>j) Apply sheet protection so data cannot be edited accidentally.</p>		
15.	<p>Create a complete personal financial planner workbook.</p> <p>a) Create and rename sheets as:</p> <ul style="list-style-type: none"> a. <i>Expenses</i> b. <i>Budget</i> c. <i>Charts</i> <p>b) Enter at least 20 rows of expense data: Date, Category, Expense Detail, Amount, Payment Method.</p> <p>c) Use Data Validation dropdown to create a category list (Food, Travel, Fees, Shopping, Other).</p> <p>d) Use Remove Duplicates on the Category column if repeated incorrectly.</p> <p>e) Use SUMIF to calculate total spending for each category.</p> <p>f) In the <i>Budget</i> sheet, create the monthly budget and compare with actual expenses using: Difference = Budget – Actual (formula required)</p> <p>g) Highlight expenses above ₹2000 using Conditional Formatting.</p> <p>h) Create:</p> <ul style="list-style-type: none"> i. A Pie Chart showing category-wise spending ii. A Bar Chart comparing <i>Budget vs Actual</i> 	29-12-2025	

	<p>iii. Use Flash Fill to separate date into Day / Month / Year if needed. Also explain its detail</p> <p>iv. Save worksheet in Page Layout view and adjust print area.</p>		
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EXPERIMENT – 1

Design a professional resume using templates.



LOKESH SAHU

CONTACT

Phone: +91 7974799739
Email: panjusahu7890@gmail.com
Address: Bilaspur, CG
LinkedIn: www.linkedin.com/in/lokes-h-sahu79

SKILLS

- Programming Languages: C, Python Web Development: HTML, CSS, JavaScript, Basic
- React.js Database Management: SQL, MySQL
- Software Development: Basic knowledge of OOP and SDLC
- Tools & Technologies: Git, Visual Studio Code Operating
- Systems: Windows, Linux, macOS
- Soft Skills: Strong communication, teamwork, adaptability, and problem-solving

Hobbies

- Coding
- reading tech blogs
- playing cricket

PROFILE

A highly enthusiastic and detail-oriented Bachelor of Computer Applications (BCA) graduate seeking an entry-level position in the technology field. Skilled in programming, web development, software development, and database management. Eager to contribute to innovative projects, support organizational growth, and continuously learn and grow in a dynamic and challenging environment.

ACADEMIC PROJECTS

Student Management System

- Developed a desktop application for managing student data (enrollment, grades, and personal information) with CRUD operations.
- Used MySQL to store and retrieve data seamlessly.

Online Quiz Application

- Designed an interactive online quiz platform using HTML, CSS, and JavaScript.
- Implemented dynamic score evaluation and user feedback upon completion.

EDUCATION

BCA (Bachelor of Computer Applications)
ABVV Bilaspur University, 2024
Key Subjects: Data Structures, Programming in C, Database Management Systems, Software Engineering, Web Development, Computer Networks

Certification

- Web Development Basics, Frontend Certification
- Master Oracle SQL Developer for Databases & Tables
- Python Programming Fundamentals

Extracurricular Activities

- Participated in university-level coding competitions and hackathons
- Active member of the university's IT club, organizing workshops and tech events

EXPERIMENT – 2

Create a Career Oriented Presentation with 7 slides using transitions and animations.



Career Opportunities After MCA

Building a Successful Tech Career

BY - LOKESH SAHU

Why MCA is Important in Today's Tech World

The Master of Computer Applications (MCA) degree equips you with the advanced theoretical and practical knowledge essential for navigating the complex and rapidly evolving tech landscape. It's a gateway to innovation and leadership.



Software Innovation

MCA graduates are at the forefront of designing, developing, and maintaining cutting-edge software solutions.



IT Industry Backbone

The program provides a strong foundation for various roles within the information technology sector, driving digital transformation.



Data-Driven Decisions

Gain expertise in data management and analysis, critical for informed decision-making in any modern enterprise.



Cybersecurity Expertise

Develop skills to protect digital assets and infrastructure, a growing and crucial demand across all industries.

Essential Skills for MCA Success

Mastering these core competencies will set you apart and prepare you for diverse roles in the tech industry.

Programming Proficiency

Develop strong skills in languages like **Python, Java, and JavaScript** for building robust applications.

Database Management & SQL

Understand how to design, query, and manage databases efficiently using **SQL**.

Problem-Solving Acumen

Cultivate critical thinking to analyze complex challenges and devise innovative solutions.

Effective Communication

Articulate technical concepts clearly and collaborate effectively within diverse teams.



The Power of Projects & Internships

Practical experience is paramount. Live projects, open-source contributions, and internships are crucial for translating academic knowledge into employable skills and showcasing your abilities to potential employers.



Your MCA Success Roadmap

Follow these strategic steps to maximize your potential and build a thriving career in technology.

01

Master Core Programming

Deepen your understanding and proficiency in fundamental programming languages and data structures.

02

Build Real-World Projects

Develop a strong portfolio by actively engaging in practical, innovative projects. Utilize GitHub for version control and visibility.

03

Seek Internships & Experience

Secure internships to gain industry exposure, apply your skills, and build professional connections.

04

Refine Communication Skills

Enhance your ability to articulate ideas, collaborate effectively, and present your work clearly.

05

Prepare for Placements

Focus on interview preparation, resume building, and networking to secure your ideal tech role.

Networking for Opportunity

Your professional network is a powerful asset. Connect with peers, mentors, and industry leaders to open doors to new opportunities and gain valuable insights.



- Attend tech conferences and workshops.
- Join online communities and professional groups.
- Leverage LinkedIn for industry connections.
- Seek out mentors for guidance and support.
- Collaborate on open-source projects.

Building a Personal Brand

In a competitive market, a strong personal brand helps you stand out. Showcase your expertise, values, and unique perspective.



Online Presence

Create a professional website or blog to share your insights and projects.



Polished Portfolio

Maintain an updated resume and an impressive portfolio of your best work.



Thought Leadership

Contribute to discussions, give presentations, or write articles on topics you're passionate about.

Your personal brand is your professional identity – cultivate it thoughtfully.



Conclusion: Your Journey Starts Now

"The only way to do great work is to love what you do. If you haven't found it yet, keep looking. Don't settle."

- Steve Jobs

Your MCA degree is a powerful launchpad. Combine your education with continuous learning, practical experience, strong networking, and a cultivated personal brand. The tech world awaits your unique contributions. Embrace the challenges, pursue your passions, and build a career that truly makes an impact.

EXPERIMENT – 3

Create a social media poster for “DIGITAL AWARENESS WEEK” using canva.



EXPERIMENT – 4

Compose & send a professional email with an attachment as “you are applying for an internship, send email to HR with your resume attached”.

Gmail - (no subject)

<https://mail.google.com/mail/u/1/?ik=b866b866c2&view=pt&search=a...>



Lokesh Sahu <lokeshlk8555@gmail.com>

Application for Full stack Web developer Intern

Lokesh Sahu <lokeshlk8555@gmail.com>
Cc: priya.das@rungta.ac.in
Bcc: "priya.das@rungta.ac.in" <priya.das@rungta.ac.in>

11 November 2025 at 11:05

Lokesh sahu
Bhilai, CG.
Phone: +917974799739
Email: lokeshlk8555@email.com
Date: 11 Nov 2025

Hiring Manager
Infosys
Bangalore, karnataka

Subject: Application for Full stack Web developer Intern

Respected Sir/Madam,

I am writing to express my interest in the Full stack web developer role in your organisation. I have recently completed my MCA (Master of Computer Applications) and I am looking for an opportunity to begin my career in the IT industry.

During my MCA, I gained strong foundations in Java, Python, DBMS, SQL, HTML, CSS and Data Structures. I have also worked on academic projects where I learnt how to design backend logic, implement database connectivity and develop user interfaces. I am familiar with Git/GitHub, basic SDLC concepts and teamwork in group projects. I learn fast and can adapt to professional environments quickly.

I am confident that I can contribute positively as a beginner with a sincere learning attitude. It would be an honour if you consider my profile for an interview. I am ready to join immediately and would love to grow along with the organisation.

Thank you for your time and consideration.

Regards,
Lokesh sahu
Attachments:

[Lokesh Resume \(1\).pdf](#)
187K

EXPERIMENT – 5

Design a complete Google Form survey and analyze responses.

The screenshot shows a Google Form titled "Student Attendance and Feedback Report". The form is published and has three questions visible:

- Personal and Academic Details**: A section with a description field labeled "Description (optional)".
- Name ***: A short-answer text input field.
- Email Id ***: A short-answer text input field.
- ERP-ID ***: A short-answer text input field.

The right sidebar contains standard Google Form editing icons for adding, deleting, and reordering questions.

The screenshot shows a Google Form with three sections:

- Contact No. ***: A short-answer text input field.
- School ***: A multiple-choice question with three options:
 - School of CSE
 - School of IT
 - School of Pharmacy
- Course/Choice ***: A multiple-choice question with five options:
 - MCA
 - B-Tech
 - B.Com
 - BCA
 - CSE

The right sidebar contains standard Google Form editing icons for adding, deleting, and reordering questions.

Questions Responses 3 Settings

Branch *

- Full stack web development
- AI & ML
- Cyber security
- Data Science



Semester *

- 1st
- 2nd
- 3rd
- 4th

Section *

- A
- B

Questions Responses 3 Settings

Attendance Status and History

...

Description (optional)



Attendance Status Today *

- Present
- Absent
- Late

Reasons for Absence (if any)

- Health issues
- Personal reasons
- Transportation problem
- Not applicable

Questions Responses 3 Settings

Do you attend classes regularly

- Always
- Sometimes
- Rarely



How would you rate your class attendance

1 2 3 4 5

1 = Very Poor

5 = Excellent

Rate Digiicampus

1 2 3 4 5

1

5

Questions Responses 3 Settings

Attendance less than 75% in subjects

⋮⋮⋮

- Mathematics
- NALS
- Python Programming with problem solving
- AI & ML
- CDC
- Computer Organization & Advance Architecture
- OS



General Feedback and Review

Description (optional)

Mode of Class

Offline

Online

Student Comprehensive Attendance and Feedback Report ☆

Published 1 1

Questions Responses 3 Settings

3 responses

Link to Sheets

Summary Question Individual

Personal and Academic Details

Name
3 responses
Mansi Gupta
Kunal Kumar
Fg999

Email Id
3 responses
guptamansi571@gmail.com
kunal.kumar1@runqta.org
Fggf99

ERP-ID
3 responses
RU-25-10784
RU-25-10726
Fghhh

Questions Responses 3 Settings

Contact No.
3 responses

7415558255
9039787442
Tyuugf

Questions Responses 3 Settings

Contact No.
3 responses

7415558255
9039787442
Tyuugf

School
3 responses

Copy chart

100%

School of CSE
School of IT
School of Pharmacy

Course/Choice
3 responses

Copy chart

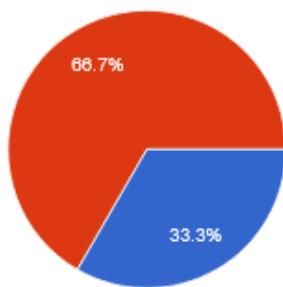
100%

MCA
B-Tech
B.Com
BCA
CSE
BBA

Branch

3 responses

 Copy chart



-  Full stack web development
-  AI & ML
-  Cyber security
-  Data Science

Semester

3 responses

 Copy chart



-  1st
-  2nd
-  3rd
-  4th

Section

3 responses

 Copy chart

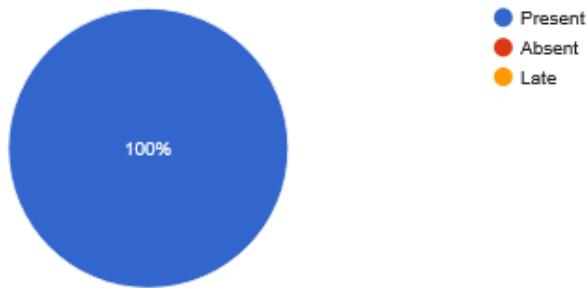


-  A
-  B
-  C
-  D

Attendance Status Today

 Copy chart

3 responses



Reasons for Absence (if any)

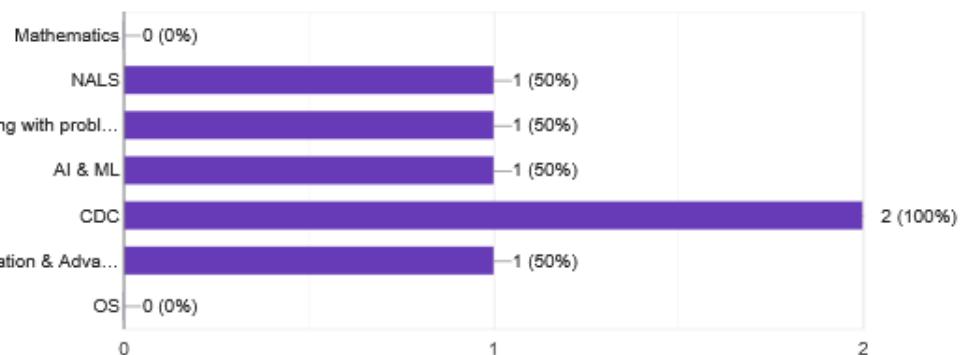
0 responses

No responses yet for this question.

Attendance less than 75% in subjects

 Copy chart

2 responses

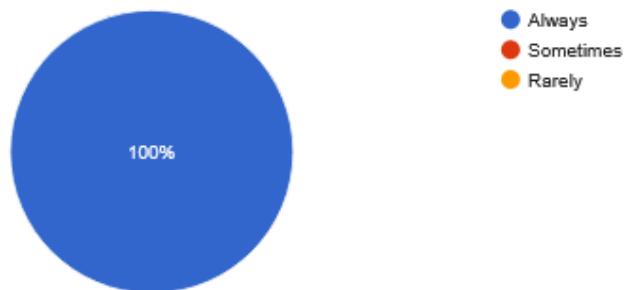


General Feedback and Review

Do you attend classes regularly

 Copy chart

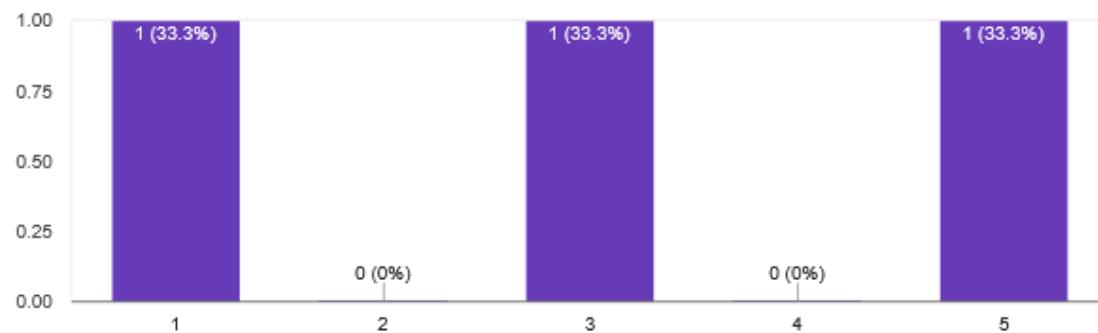
3 responses



How would you rate your class attendance

 Copy chart

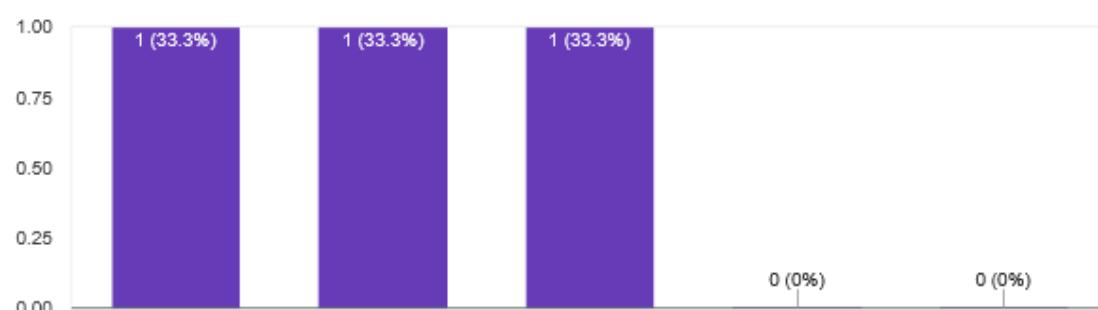
3 responses



Rate Digiicampus

 Copy chart

3 responses



EXPERIMENT – 6

Demonstrate the creation and management of your digital identity.



Lokesh Sahu (He/Him)

MCA Student | Aspiring Full Stack Developer |
Passionate About AI & Web Technologies | Building
“AI Study Buddy” Flask App

Rungta International Skills University
Bhilai, Chhattisgarh, India

12 connections

Open to

Add section

...

Enhance profile

Open to work

Python Developer, Web Developer and Front...

Show details



Analytics

● Private to you



8 profile views

Discover who's viewed your profile.



6 post impressions

Check out who's engaging with your posts.

Past 7 days

About



I'm an MCA student passionate about Full Stack Development and AI-driven applications. I enjoy converting ideas into working web apps — especially tools that improve productivity and learning.... [see more](#)



Top skills

Python (Programming Language)



Activity

13 followers

[Create a post](#)



[Posts](#)

[Comments](#)



Lokesh Sahu · You

MCA Student | Aspiring Full Stack Developer | ...

1mo ·

⋮

I'm happy to share that I've obtained a new certification: Python Programming Fundamentals from Microsoft!



Education

+



Rungta International Skills University
Master of Computer Applications – MCA, Full
Stack Webdevelopment, Data Scientist
Sep 2025

👉 Other: Problem Solving, Debugging,
Teamwork, Communication, Time
Management and Front-end Coding



Atal Bihari Vajpayee Vishwavidyalaya
(ABVV), Bilaspur
BCA, Information Technology
2021 – 2024

👉 Other: Problem Solving, Debugging,
Teamwork, Communication, Time
Management and Front-end Coding



resume Lokesh.pdf.pdf

Licenses & certifications

+



Master Oracle SQL Developer for
Databases & Tables
EDUCBA
Issued Nov 2025
Credential ID LIJSTS703U3S

Show credential ↗

👉 SQL and Oracle SQL Developer



Python Programming Fundamentals

Microsoft

Issued Nov 2025

Credential ID MZLLWUHEQDF9

Show credential 

Web Development: HTML, CSS, Flask, REST APIs, Other: Problem Solving, Debugging, Teamwork, Communication, Time Management and +2 skills



Coursera CERTIFICATE
PYTHON.pdf

Show all 3 licenses & certifications →

Projects

+ 

AI Study Buddy — Flask Web App

- Built AI-based summarization & quiz generator
- Uses Python, Flask, OpenAI API... see more

Programming: Python, JavaScript, Web Development: HTML, CSS, Flask, REST APIs and +1 skill

Skills

+ 

Oracle SQL Developer



Master Oracle SQL Developer for Databases & Tables

EXPERIMENT – 7

Using Google Drive or OneDrive.

The screenshot shows the Google Drive interface. On the left, there's a sidebar with options like Home, Activity, Workspaces, My Drive, Shared drives, Shared with me, Recent, and Starred. The main area shows a search bar and filters (Type, People, Modified, Source). Below that is a list of items in the 'Unit 3 Practical Work' folder:

Name	Owner	Date modified	File size
Assignment	me	3:48 PM	–
Images	me	3:48 PM	–
Notes	me	3:48 PM	–

The screenshot shows the Google Drive interface with the 'My Drive' tab selected. A sharing dialog box is open over the list of files. The dialog title is 'Share "Unit 3 Practical Work"'. It contains an email input field with 'priya.das@rungta.ac.in' and a dropdown menu set to 'Editor'. There's also a checkbox for 'Notify people' which is unchecked. At the bottom are 'Cancel' and 'Share' buttons.

EXPERIMENT – 8

Identify one real phishing email : A final-year student, Aman, receives a LinkedIn message saying.

“You are shortlisted for a Remote Software Developer role at Google. Salary: ₹18 LPA. Pay ₹2,499 as verification fee. Limited seats. Pay now to confirm.”

ANSWER THE QUESTIONS :-

Q.1 What type of cybercrime is happening here?

Ans:- This is a Phishing scam (specifically a Job Offer / Employment Scam).

The attacker is trying to trick the victim into paying money and possibly sharing personal details by pretending to be a legitimate company (Google).

Q.2 List 3 red flags that show it is a scam?

Ans :-

1. Verification fee demand

Legitimate companies like Google never ask for money (₹2,499) for job verification or selection.

2. Unrealistic offer without process

A salary of ₹18 LPA, remote role, and “shortlisted” message without interviews, coding tests, or official communication is highly suspicious.

3. Urgency and pressure tactics

Phrases like “Limited seats” and “Pay now to confirm” are classic scam tactics to force quick decisions without verification.

Q.3 What should he do to verify if a job offer is real?

Ans:- 1. Check the sender's profile carefully

- Verify if the LinkedIn account is officially connected to Google
- Look for a verified company badge and genuine work history

2. Confirm through official channels

- Visit Google's official careers website
- Check whether the same job role is listed there

3. Never pay any fees

- Legitimate employers do not charge money for hiring, background checks, or verification

4. Contact the company directly

- Use official company emails or career portals, not links shared in messages

5. Report and block the sender

- Report the message to LinkedIn as a scam
- Block the sender to prevent further contact

EXPERIMENT – 9

Create a Google Form Quiz with the following requirements.

Indian General Knowledge Quiz (Timed) Last edit was made seconds ago by Lokesha Sahu Published EE L

Questions Responses 2 Settings Total points: 15

Indian General Knowledge Quiz

B I U ↵ X

Form description

Email *

Valid email address

This form is collecting email addresses. [Change settings](#)

Questions Responses 2 Settings Total points: 15

1. What is the capital city of India? *

- Mumbai
- Kolkata
- New Delhi
- Chennai

2. Which is the longest river in India? *

- Yamuna
- Ganga
- Godavari
- Narmada

3. Which space agency launched the Chandrayaan-3 mission? *

- NASA
- ISRO
- ESA
- SpaceX

(+) () (T) (M) (P) (E)

4. Who is known as the 'Iron Man of India'? *

- Mahatma Gandhi
- Subhash Chandra Bose
- Sardar Vallabhbhai Patel
- Jawaharlal Nehru



5. What is the National Bird of India? *

- Peacock
- Pigeon
- Eagle
- Parrot

6. Explain the concept of "Unity in Diversity" in India in your own words. *

Short-answer text

Question

Description

Responses:-

Indian General Knowledge Quiz (Timed) Last edit was made 6 minutes ago by Lokesh Sahu

Published

Questions Responses 2 Settings Total points: 15

2 responses

Summary	Question	Individual
sidaraman601@gmail.com	< 2 of 2 >	

10 of 15 points Score not released Release score

Indian General Knowledge Quiz

* indicates required question

Email * sidaraman601@gmail.com

✓ 1. What is the capital city of India? *

2 / 2

- Mumbai
- Kolkata
- New Delhi
- Chennai

Add individual feedback

✓ 2. Which is the longest river in India? *

2 / 2

- Yamuna
- Ganga
- Godavari
- Narmada

Add individual feedback

✓ 3. Which space agency launched the Chandrayaan-3 mission? *

2 / 2

- NASA
- ISRO
- ESA
- SpaceX

Add individual feedback

✓ 4. Who is known as the 'Iron Man of India'? *

2 / 2

- Mahatma Gandhi
- Subhash Chandra Bose
- Sardar Vallabhbhai Patel
- Jawaharlal Nehru

Add individual feedback

✓ 5. What is the National Bird of India? *

2 / 2

- Peacock
- Pigeon
- Eagle
- Parrot

Add individual feedback

✗ 6. Explain the concept of "Unity in Diversity" in India in your own words. *

5 / 5

Jfufu



Add individual feedback

Submission Tracking ID - DO NOT CHANGE *

This is important for tracking purposes. Do not change. Any change in this will make your submission void

0 / 0

EXPERIMENT – 10

- Ask ChatGPT OR Google Gemini to generate a 100–120-word paragraph on: “Is online learning better than offline learning for college students?”
 - (a) Run the AI-generated text through Grammarly and any plagiarism-check tool.
 - (b) Now manually search online to check if similar sentences exist on blogs or articles.
 - (c) Identify 2–3 biased statements in the AI answer, such as:
 - i. Overgeneralizations
 - ii. One-sided opinions
 - iii. Unproven claims
 - (d) Rewrite the entire paragraph in a neutral and balanced way, using AI only for grammar suggestions.
 - (e) Submit 3 screenshots:
 - i. Plagiarism check results
 - ii. Grammarly suggestion page
 - iii. Original AI paragraph vs your rewritten unbiased version

ChatGPT Generated: -

Online learning offers college students flexibility and access to a wide range of resources, enabling them to study asynchronously and balance jobs or family responsibilities. High-quality online courses can deliver structured content, multimedia, and collaboration tools that support diverse learning styles. However, remote formats can reduce spontaneous in-person interactions and make it harder to practise interpersonal skills, lab work, or hands-on projects that benefit from physical presence. Outcomes often depend on course design, student motivation, and access to reliable technology. For many students, blended models that combine online content with face-to-face sessions provide the best balance — pairing the scalability and convenience of digital learning with the social, practical, and mentoring benefits of traditional classrooms.

The screenshot shows the QuillBot AI Detector interface. On the left sidebar, there are icons for Paraphraser, Grammar Checker, AI Detector, Plagiarism Checker, AI Humanizer, AI Chat, AI Image Generator, Translate, Summarizer, More, and a QuillBot for Chrome extension. The main content area displays the text: "Online learning offers college students flexibility and access to a wide range of resources, enabling them to study asynchronously and balance jobs or family responsibilities. High-quality online courses can deliver structured content, multimedia, and collaboration tools that support diverse learning styles. However, remote formats can reduce spontaneous in-person interactions and make it harder to practise interpersonal skills, lab work, or hands-on projects that benefit from physical presence. Outcomes often depend on course design, student motivation, and access to reliable technology. For many students, blended models that combine online content with face-to-face sessions provide the best balance — pairing the scalability and convenience of digital learning with the social, practical, and mentoring benefits of traditional classrooms." Below the text, it says "114 Words". In the bottom right corner of the main area, there is a green button labeled "Refine with Paraphraser →". At the bottom of the page, there is a footer bar with the text "Want your text to sound more authentic?" and a "Refine with Paraphraser" button.

AI Detector

English French Spanish German All

Model Version: v5.8.2

Share Download Feedback History

22% of text is likely AI

QuillBot

AI-generated 22% Human 0%

Human-written & AI-refined 0% Human-written 78%

Main AI Contributors

Low Online learning offers college students flexibility an...

Analysis complete

Want your text to sound more authentic?

Refine with Paraphraser →

Rewrite: -

Online learning is an innovation in learning mode brought by the inevitability of information and communication technology. The present study highlights the benefits of online learning for students. The study was conducted as library research, where previous studies on the benefits of online learning were used as the data source. The study revealed that online learning is argued to have positively affected students' autonomy, motivation, and collaboration skills while providing flexible learning for the learners. The abundance of online sources, tools, and networking enables learners to navigate their learning. These results imply that teachers, educators, and students should embrace online learning and its supporting applications to improve learning processes and outcomes. The present study contributes to the limited literature on a general overview of online learning benefits seen from the learners' side.

The screenshot shows the QuillBot AI Detector interface. On the left sidebar, there are various tools: Paraphraser (selected), Grammar Checker, AI Detector (disabled), Plagiarism Checker, AI Humanizer, AI Chat, AI Image Generator, Translate, Summarizer, More, and QuillBot for Chrome. The main content area displays the text sample:

Online learning is an innovation in learning mode brought by the inevitability of information and communication technology. The present study highlights the benefits of online learning for students. The study was conducted as library research, where previous studies on the benefits of online learning were used as the data source. The study revealed that online learning is argued to have positively affected students' autonomy, motivation, and collaboration skills while providing flexible learning for the learners. The abundance of online sources, tools, and networking enables learners to navigate their learning. These results imply that teachers, educators, and students should embrace online learning and its supporting applications to improve learning processes and outcomes. The present study contributes to the limited literature on a general overview of online learning benefits seen from the learners' side.

Below the text, it says "132 Words". To the right, there are "Like" and "Dislike" buttons, and a green "Analysis complete" button with a checkmark icon.

The AI Detector panel on the right shows the following results:

- Model Version: v5.8.2
- Share and Download buttons
- A chart titled "0% of text is likely AI" with a single bar extending to the "Human" side.
- Legend: AI-generated (orange circle, 0%), Human-written & AI-refined (blue circle, 0%), Human-written (white circle, 100%).
- A section titled "Understanding your results" with the following text: "Our AI detector flags text that may be AI-generated. Use your best judgment when reviewing results. Never rely on AI detection alone to make decisions that could impact someone's career or academic standing."
- A "Refine with Paraphraser" button with a green arrow icon.
- A "Nice job!" message with the text "Now get perfect grammar everywhere with our extension".
- Social sharing icons for X, Facebook, Google+, LinkedIn, WhatsApp, and others.
- An "Add to Chrome" button.
- Final scores for Grammar (100), Fluency (62), Clarity (81), Engagement (91), and Delivery (81) with a "Good" rating.

EXPERIMENT – 11

- To compare AI-generated content with student-created content and understand limitations of AI.

- (a) Write a 100–150-word paragraph on the topic: “Will AI replace jobs or change them?”

(This must be written by the student.)

- (b) Ask any AI tool (ChatGPT/Gemini/Copilot) to write the same topic.

- (c) In your practical copy, create a Comparison Table with the headings:

- i. Human-Generated Content
- ii. AI-Generated Content

Hand Written :-

“Will AI replace jobs or change them?”

As we live in the era of AI, the most asked question is whether AI will replace our jobs. My answer to this question is that as we progress through new technology and the era of innovation, an AI will more likely change the job rather than replace it. While AI can do lots of work in a very small amount of time without getting tired, some jobs require human creativity, emotional intelligence, critical thinking, and moral judgment—skills that AI doesn't have. For example, AI can quickly analyze medical data that is necessary for human doctors to make accurate diagnoses, provide patient care, and inform decision-making. AI is a tool that can help us do our tasks in a much more efficient and productive way. AI will reduce some low-skill jobs, creating challenges for workers. However, it will create new jobs such as AI development, data analysis, cybersecurity, and AI ethics. Overall, AI will not replace our jobs; it represents the shift in the nature of work, making adaptability and continuous learning much more important than ever.

Plagiarism Checker Check Grammar AI Detector Pro

Scan Properties

Sources Found	0
Words	184
Characters	1083

View More Details

Plagiarism **0%**

0% Exact Match
0% Partial Match

Unique **100%**

"Will AI replace jobs or change them?"
As we live in the era of AI, the most asked question is whether AI will replace our jobs. My answer to this question is that as we progress through new technology and the era of innovation, an AI will more likely change the job rather than replace it. While AI can do lots of work in a very small amount of time without getting tired, some jobs require human creativity, emotional intelligence, critical thinking, and moral judgment—skills that AI doesn't have. For example, AI can quickly analyze medical data that is necessary for human doctors to make accurate diagnoses, provide patient care, and inform decision-making. AI is a tool that can help us do our tasks in a much more efficient and productive way. AI will reduce some low-skill jobs, creating challenges for workers. However, it will create new jobs such as AI development, data analysis, cybersecurity, and AI ethics. Overall, AI will not replace our jobs; it represents the shift in the nature of work, making adaptability and continuous learning much more important than ever.

Congratulations!
No Plagiarism Found



The screenshot shows the Grammarly website with the 'AI Detector' tab selected. The main content area displays a text sample about AI's impact on jobs. To the right, a large purple speech bubble icon indicates '0% of this text appears to be AI-generated'. Below it, a button says 'Go beyond AI detection' and 'Get Grammarly It's free →'. At the bottom, there's a note about acknowledging AI usage with instant citations and a link to 'Get Grammarly It's free →'.

AI Detector by Grammarly

Navigate responsible AI use with our AI checker, trained to identify AI-generated text. A clear score shows how much of your work appears to be written with AI so you can submit it with peace of mind.

This screenshot shows the same AI Detector interface as above, but with a different result. The text sample is identical. The purple speech bubble now says '100% of this text appears to be AI-generated'. Below it, a button says 'Pinpoint where AI might've been used in this text' and 'Get Grammarly →'. The footer information is also present.

AI Generated: -

Artificial Intelligence is more likely to change jobs than completely replace them. While AI can automate repetitive and routine tasks, many roles still require human creativity, emotional intelligence, critical thinking, and ethical judgment—skills that machines cannot fully replicate. For example, AI can assist doctors by analyzing medical data, but human doctors are still essential for diagnosis, decision-making, and patient care. Similarly, AI tools help teachers, designers, and programmers work more efficiently rather than eliminating their roles. At the same time, AI will reduce demand for certain low-skill or repetitive jobs, creating challenges for workers who lack opportunities to reskill. However, it will also generate new careers in areas such as AI development, data analysis, cybersecurity, and AI ethics. Overall, AI represents a shift in the nature of work, making adaptability and continuous learning more important than ever.

AI Detector by Grammarly

Navigate responsible AI use with our AI checker, trained to identify AI-generated text. A clear score shows how much of your work appears to be written with AI so you can submit it with peace of mind.

This screenshot shows the AI Detector interface again, this time with a 100% AI-generated score. The text sample is identical. The purple speech bubble now says '100% of this text appears to be AI-generated'. Below it, a button says 'Pinpoint where AI might've been used in this text' and 'Get Grammarly →'. The footer information is also present.

Plagiarism Checker

Ensure every word is your own with Grammarly's AI-powered plagiarism checker, which uses advanced AI to detect plagiarism in your text and check for other writing issues.

Artificial Intelligence is more likely to change jobs than completely replace them. While AI can automate repetitive and routine tasks, many roles still require human creativity, emotional intelligence, critical thinking, and ethical judgment—skills that machines cannot fully replicate. For example, AI can assist doctors by analyzing medical data, but human doctors are still essential for diagnosis, decision-making, and patient care. Similarly, AI tools help teachers, designers, and programmers work more efficiently rather than eliminating their roles. At the same time, AI will reduce demand for certain low-skill or repetitive jobs, creating challenges for workers who lack opportunities to reskill. However, it will also generate

3 We didn't find any plagiarism, but we found 3 writing issues.

No plagiarism found	Grammar
Spelling	Punctuation
Conciseness	Readability
Word choice	Additional Issues

Scan for plagiarism **Upload a file** **Get Grammarly Pro**

Comparison: Machine-Generated vs. Manual Writing

Criteria	AI-Created Content	Hand-Written (Human) Content
Main Argument	Contends that AI will transform careers rather than eliminating them	Shares a similar perspective but through a personal lens
Tone of Writing	Professional and scholarly	Casual and chatty
Tone & Voice	Detached and objective	Contains individual viewpoints
Phrasing	Brief and symmetric	Somewhat extended with slight redundancy
Grammar Precision	Extremely precise	Generally correct
Illustrations	Broad and educational	Story-based and typical of a learner
Feeling	Lacks deep emotion	Has a distinct personal connection
Impartiality	Unbiased and even-handed	Tends to rely on personal beliefs
Authenticity	Standard or robotic	Genuine and organic
Test Usage	Useful for study material	Perfect for written tests

EXPERIMENT – 12

Create a new Notebook LM project titled: “My Chapter Revision Notes.”

(a) Upload multiple sources (any 2) such as:

- i. PDF notes
- ii. Web articles
- iii. Text copied into Notebook LM

(b) Ask Notebook LM to:

- i. Create a combined study guide using all sources.
- ii. Generate flashcards for quick revision.
- iii. Create a concept map or explanation of the topic.

Manually check for:

- i. Any incorrect facts
- ii. Repeated information
- iii. Missing important points

Attach 3 screenshots from Notebook

LM:

- i. Combined study guide
- ii. Flashcards
- iii. Concept map / explanation

I. Combined study guide :-

The screenshot shows the Notebook LM application interface. The top navigation bar includes options like '+ Create notebook', 'Analytics', 'Share', 'Settings', and a user profile icon. The main area is divided into three sections: 'Sources' (left), 'Chat' (center), and 'Studio' (right).

Sources Section: Shows two uploaded sources: 'Learn Python Basics - GeeksforGeeks' and 'RIU-PYTHON-U4-CONTENT.pdf'. A button '+ Add sources' is available. A green banner at the top says 'Try Deep Research for an in-depth report and new sources!'. Below it is a search bar 'Search the web for new sources' and filters for 'Web' and 'Fast research'.

Chat Section: Displays the instruction: 'i. Create a combined study guide using all sources.' Below this, a text block states: 'This comprehensive study guide integrates the foundational principles of Python programming with the core concepts and methodologies of Machine Learning (ML) as detailed in the sources.' It then provides a detailed breakdown of Python programming foundations, variables and data types, input/output, comments, and operators.

Studio Section: Shows various creation tools: 'Audio Overview', 'Video Overview', 'Mind Map', 'Reports', 'Flashcards', 'Quiz', 'Infographic', 'Slide deck', and 'Data table'. A message at the bottom of the Studio section says: 'Studio output will be saved here. After adding sources, click to add Audio Overview, study guide, and more!' There is also a 'Add note' button.

ii. Flashcards

The screenshot shows a mobile application interface for a 'Machine Learning Flashcards' deck. At the top, a navigation bar displays 'Studio > App'. Below the title, it says 'Based on 2 sources'. The main content area features a large, semi-transparent dark overlay containing the question: 'How does the input/output model of machine learning differ from traditional programming?'. In the bottom right corner of this overlay, there is a small 'See answer' link. The background of the app shows a blurred view of other cards. At the very bottom, there are standard mobile navigation icons: a circular arrow, a horizontal slider, the text '3 / 71 cards', and a download icon.

Studio > App

Machine Learning Flashcards

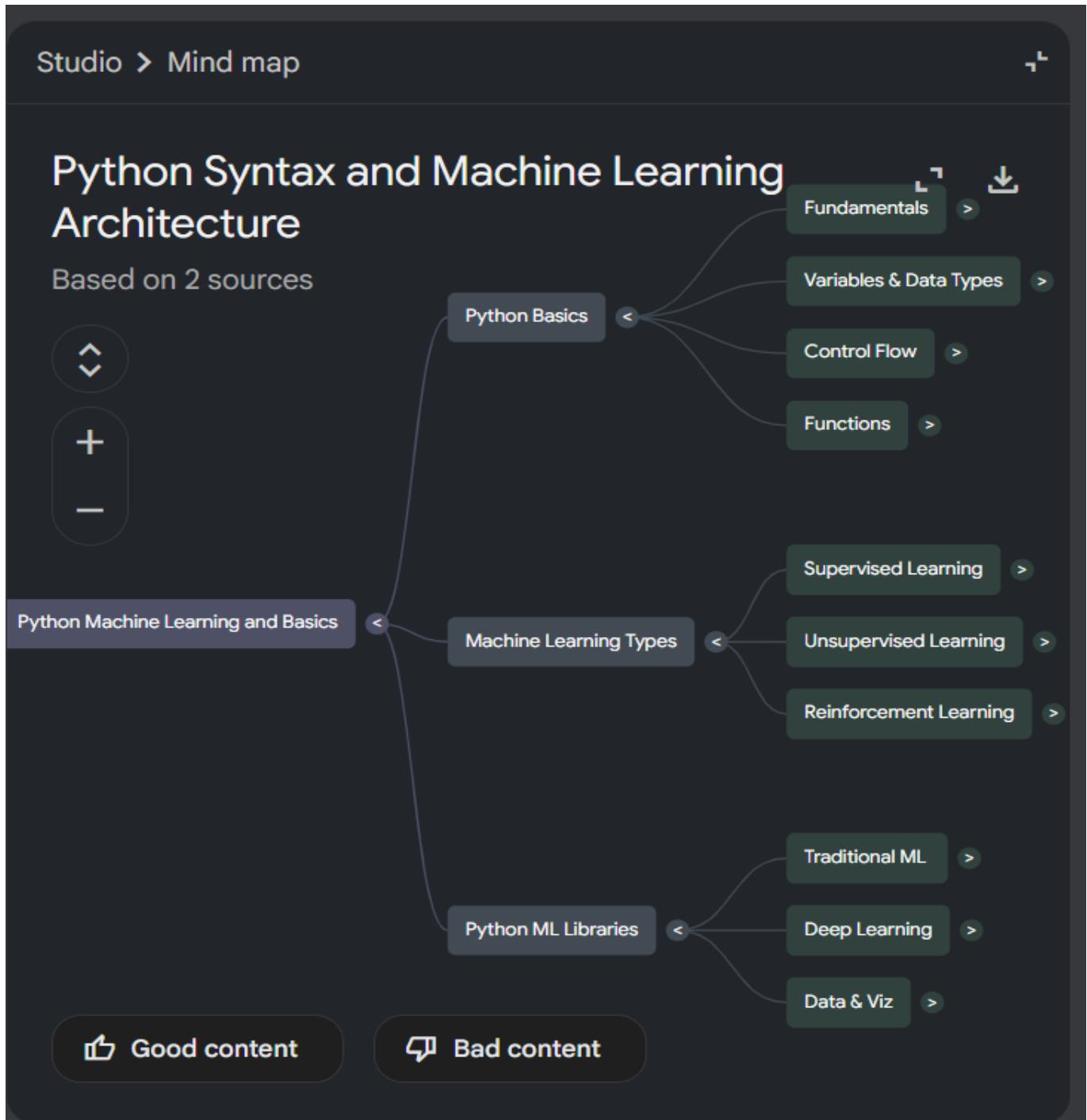
Based on 2 sources

How does the
input/output model
of machine learning
differ from traditional
programming?

See answer

3 / 71 cards

iii. Concept map / explanation



EXPERIMENT – 13

- Create a complete Student Result Management workbook.

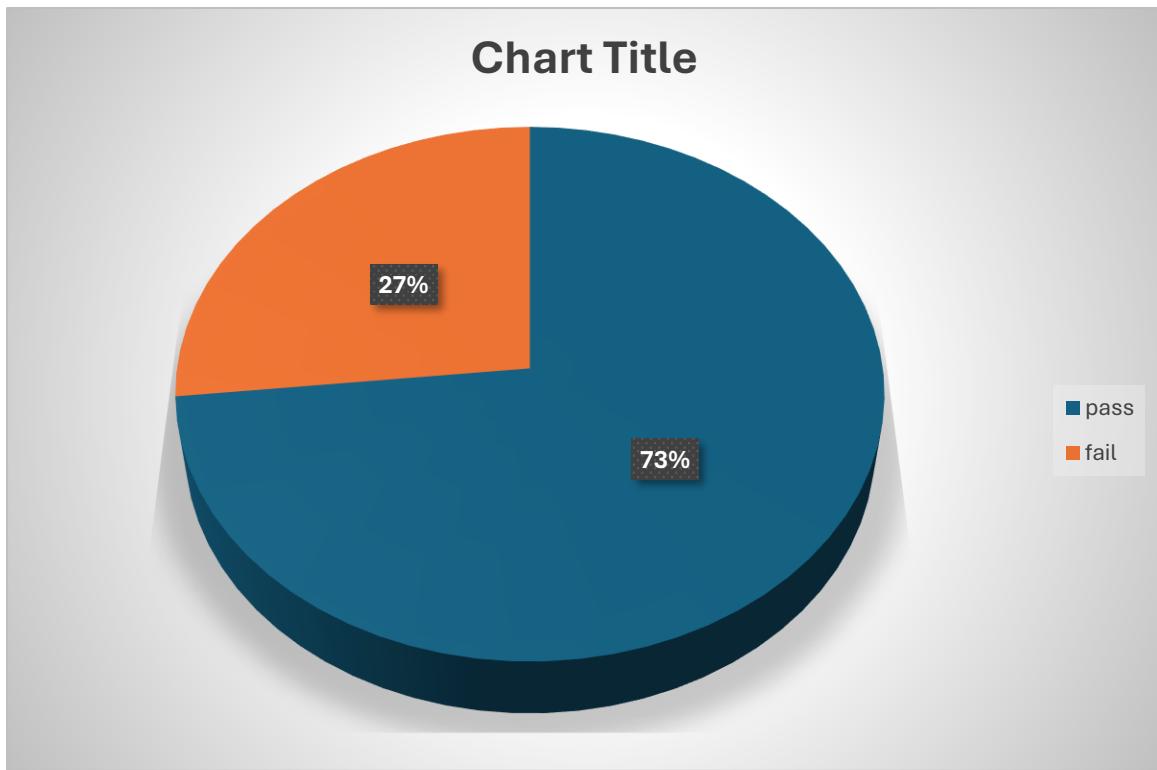
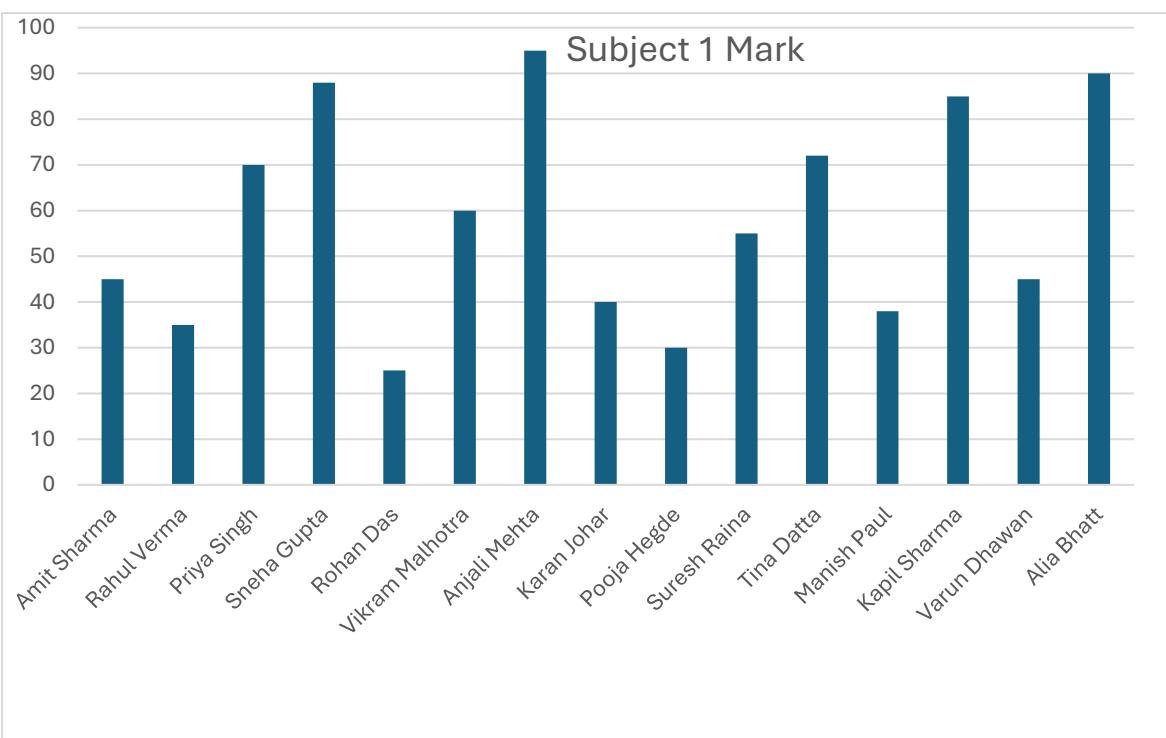
(a) Create a new workbook with 3 sheets renamed as:

- i. Student Data
- ii. Marks Analysis
- iii. Charts

(b) In Student Data, enter a list of 15 students with:

- (c) Name, Roll No, Class, City, Subject1, Subject2, Subject3.
- (d) Use Flash Fill to split “Full Name” into “First Name” and “Last Name”.
- (e) Use Find & Replace to replace city name “Delhii” with correct “Delhi”.
- (f) Use IF function to calculate Pass/Fail (Pass = total \geq 120).
- (g) Use COUNTIF to find how many students belong to “Delhi”.
- (h) Use AVERAGE, MAX, MIN to analyse marks in the Marks Analysis sheet.
- (i) On the Charts sheet, create:
 - i. A Bar Chart showing marks of any one subject.
 - ii. A Pie Chart showing percentage of pass vs fail.
- (j) Apply Conditional Formatting to highlight marks $<$ 40 in red.
- (k) Convert the table into a formatted Excel Table.

Full Name	Roll No	Class	City	Subject1	Subject2	Subject3	Total	Result
Amit Sharma	101	12	Delhi	45	50	60	155	Pass
Rahul Verma	102	12	Mumbai	35	40	38	113	Fail
Priya Singh	103	12	Delhii	70	80	75	225	Pass
Sneha Gupta	104	12	Delhi	88	90	92	270	Pass
Rohan Das	105	12	Pune	25	30	28	83	Fail
Vikram Malhotra	106	12	Delhii	60	65	70	195	Pass
Anjali Mehta	107	12	Mumbai	95	92	89	276	Pass
Karan Johar	108	12	Delhi	40	42	45	127	Pass
Pooja Hegde	109	12	Delhii	30	35	20	85	Fail
Suresh Raina	110	12	Chennai	55	60	58	173	Pass
Tina Datta	111	12	Pune	72	68	74	214	Pass
Manish Paul	112	12	Delhi	38	39	41	118	Fail
Kapil Sharma	113	12	Mumbai	85	80	82	247	Pass
Varun Dhawan	114	12	Delhii	45	48	50	143	Pass
Alia Bhatt	115	12	Chennai	90	95	98	283	Pass
Subject		Average			Max	Min	Result	Count
Subject1		58.2			100	40	Pass	11
Subject2		60.93			100	40	Fail	4
Subject3		61.33			100	40		



EXPERIMENT – 14

- Build a workbook for managing and analyzing sales data of a small store.

(a) Create a workbook with sheets:

i. Store Sales

ii. Summary

(b) Import a CSV sales file (or create a sample table)

containing: Date, Product, Category, Quantity,
Price, Total Sales.

(c) Use Sort (A→Z, Z→A) to organize products by name and category.

(d) Apply Filter to view only “Electronics” category.

(e) Use SUMIF to find total sales for a selected product (e.g., “Headphones”).

(f) Use LEFT, RIGHT, MID to extract:

I. First 3 letters of the product name

II. Last 2 letters of the category

(g) Find the highest and lowest sales value using MAX/MIN.

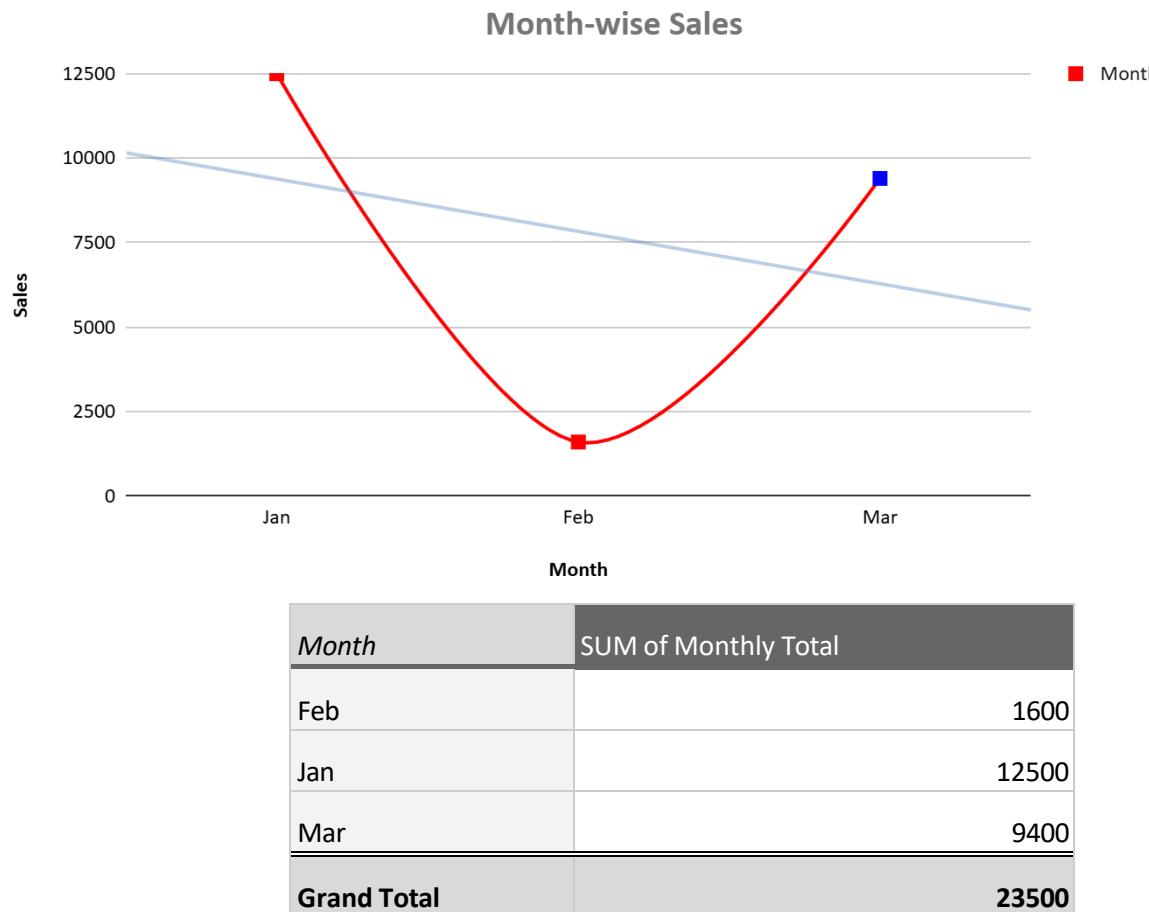
(h) Prepare a monthly sales summary in the Summary sheet using AVERAGE & SUM.

(i) Create a Line Chart of month-wise total sales in the Charts sheet.

(j) Apply sheet protection so data cannot be edited accidentally.

Date	Product	Category	Quantity	Price	Total Sales	Prod_First3	Cat_Last2
2025-01-05	Headphones	Electronics	5	1500	7500	Hea	cs
2025-01-12	Mouse	Electronics	10	500	5000	Mou	cs
2025-02-03	Notebook	Stationery	20	80	1600	Not	ry
2025-02-18	Keyboard	Electronics	7	1200	8400	Key	cs
2025-03-10	Pen	Stationery	50	20	1000	Pen	ry
2025-03-22	Speaker	Electronics	4	2500	10000	Spe	cs

Metric	SUM of Value
Highest Sale	10000
Lowest Sale	1000
Total Sales (Headphones)	7500
Grand Total	18500



Store_Sales_Analysis

File Edit View Insert Format Data Tools Extensions Help Gemini

Share

B58

Store_Sales_Analysis

	Date	Product	Category	Quantity	Price	Total Sales	Prod_First3	Cat_Last2
2	2025-01-05	Headphones	Electronics	5	1500	7500	Hea	cs
3	2025-01-12	Mouse	Electronics	10	500	5000	Mou	cs
4	2025-02-03	Notebook	Stationery	20	80	1600	Not	ry
5	2025-02-18	Keyboard	Electronics	7	1200	8400	Key	cs
6	2025-03-10	Pen	Stationery	50	20	1000	Pen	ry
7	2025-03-22	Speaker	Electronics	4	2500	10000	Spe	cs
8								
9								
10								
11								
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+ Store Sales Summary Charts

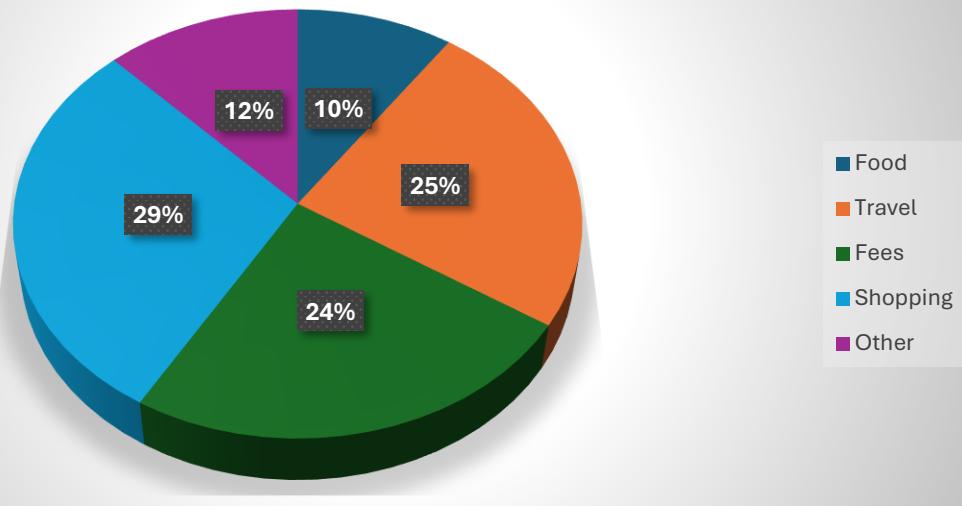
EXPERIMENT – 15

Create a complete personal financial planner workbook.

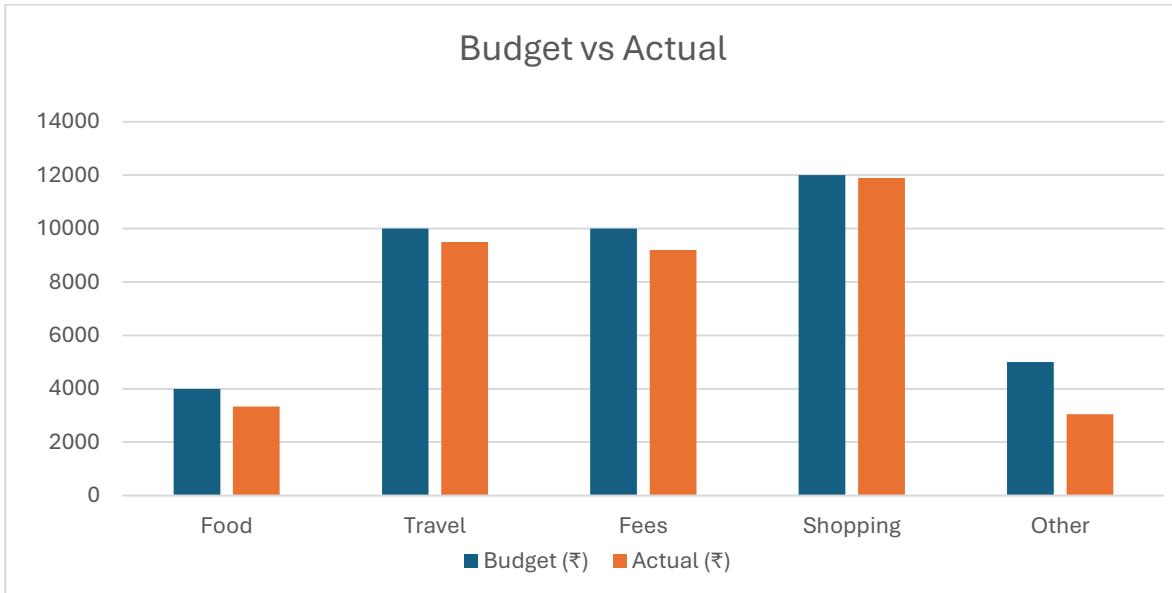
Date	Category	Expense Detail	Amount (₹)	Payment Method	Day	Month
02-01-2025	Food	Lunch	250	Cash	2	1
03-01-2025	Travel	Bus Pass	1200	UPI	3	1
05-01-2025	Fees	Exam Fee	3000	Card	5	1
06-01-2025	Shopping	Books	1800	UPI	6	1
07-01-2025	Food	Dinner	450	Cash	7	1
08-01-2025	Travel	Cab	2200	UPI	8	1
09-01-2025	Other	Recharge	399	UPI	9	1
10-01-2025	Shopping	Shoes	3500	Card	10	1
11-01-2025	Food	Snacks	150	Cash	11	1
12-01-2025	Fees	Course Fee	5000	UPI	12	1
13-01-2025	Travel	Train	1800	Card	13	1
14-01-2025	Other	Internet	999	UPI	14	1
15-01-2025	Food	Groceries	2200	Cash	15	1
16-01-2025	Shopping	Clothes	2700	Card	16	1
17-01-2025	Travel	Fuel	2000	Cash	17	1
18-01-2025	Fees	Library Fee	1200	UPI	18	1
19-01-2025	Food	Breakfast	120	Cash	19	1
20-01-2025	Other	Medicine	650	Cash	20	1
21-01-2025	Shopping	Bag	1900	UPI	21	1
22-01-2025	Travel	Auto	300	Cash	22	1

Category	Budget (₹)	Actual (₹)	Difference (₹)
Food	4000	3340	660
Travel	10000	9500	500
Fees	10000	9200	800
Shopping	12000	11900	100
Other	5000	3048	1952

Chart showing category-wise spending



Budget vs Actual



The expense data, consisting of 20 transactions, shows a total spending of 31,818 with an average transaction amount of 1,590.9. The analysis of this data reveals key patterns in how money is spent and which payment methods are most frequently used.

Key Takeaways from Expense Analysis

Spending is Highly Concentrated in a Few Categories

The top three categories, Shopping, Fees, and Travel, account for over 83% of the total recorded expenses, indicating where the majority of the budget is allocated.

- Shopping is the highest spending category, totaling 9,900.
- Fees is the second largest category at 9,200, which includes significant one-time payments like the Exam Fee (3,000) and College Fee (6,000).
- Travel follows with 7,500, mainly driven by major costs such as the Flight Ticket (5,000).
- Food expenses are a smaller portion of the total, amounting to 3,170.

1. UPI and Card Payments Dominate Transactions

Digital payment methods like UPI and Card are the primary ways expenses are settled, representing over 80% of the total amount spent.

- UPI is the most preferred payment method, accounting for the largest total expenditure of 14,698.
- Card payments are the second most used, with a total of 11,000 spent.
- Cash is used for the lowest total amount, at 6,120, suggesting a preference for digital transactions, potentially for larger amounts.

The following charts illustrate the distribution of expenses:

Total Expense by Category

This bar chart shows the total amount spent in each expense category, clearly highlighting Shopping, Fees, and Travel as the largest contributors to overall spending.

Total Expense by Payment Method

This chart visualizes the total amount spent using each payment method, demonstrating the dominance of UPI and Card payments.

