



Faculty Development Programme

On

**“AI-Powered Pedagogy to Transform Teaching-Learning,
Evaluation and Collaboration”**

24TH FEBURARY, 2024

Report

Academic Staff -School of Sciences

**Internal Quality Assurance Cell (IQAC)
Loyola College (Autonomous)
Chennai - 34**



LOYOLA COLLEGE

(AUTONOMOUS)

NUNGAMBAKKAM, CHENNAI - 600 034.

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22-02-2024

NOTICE ON FACULTY DEVELOPMENT PROGRAMME

On 24 February, 2024, IQAC is organizing a One-Day Faculty Development Programme on “AI-Powered Pedagogy to Transform Teaching-Learning, Evaluation, and Collaboration” to equip teachers with the knowledge and skills to integrate AI-powered solutions into their teaching practices and thereby transforming the learning experience, assessment methods and collaborative opportunities.

Venues: **LS Hall (Arts departments including Economics & Kaushal Kendra)**
LICE (Science departments)
LIFE (School of Commerce)

08.30 a.m. – 08.55 a.m.	Registration (Signing in the FDP attendance sheet at the venues)
09.00 a.m. – 10.30 a.m.	Session 1: AI Revolution in Higher Ed: Transforming the Learning Landscape
10.30 a.m. – 11.00 a.m.	Coffee Break
11.00 a.m. – 12.30 p.m.	Session 2: Exploring AI-Enhanced Teaching-Learning and Evaluation: A Transformative Experience
12.30 p.m. – 02.00 p.m.	Lunch (Loyola Hostel)
02.00 p.m. – 03.30 p.m.	Session 3: Cultivating a Collaborative Workplace
03.30 p.m. – 04.00 p.m.	Tea & Bye

Note:

- **Faculty members (Shift I and Shift II) are requested to sign in the Attendance Register at the Staff Common Room.**
- You may bring your gadgets like tabs/laptops to have a hands-on experience with the AI tools demonstrated during the sessions.


Rev. Dr. A. Louis Arockiaraj, S.J.

Principal

Principal

LOYOLA COLLEGE

CHENNAI - 600 034


Rev. Dr. B. Jeyaraj, S.J.

Secretary & Correspondent

Rev. Dr. B. Jeyaraj S.J.
Secretary & Correspondent
LOYOLA COLLEGE
CHENNAI - 600 034.

“Let Your Light Shine”



Marching Towards the Centenary Year 1925-2025

Loyola College, a Catholic Minority Institution, was founded by the Society of Jesus (Jesuits) in 1925, with the primary objective of providing University Education in a Christian atmosphere for deserving students irrespective of caste and creed. The college aims to educate young men and women to serve their fellow men and women in justice, truth and love. Today, the college is marching towards the centenary year serving society with excellence in higher education.

"Artificial intelligence is not a substitute for human intelligence; it is a tool to amplify human creativity and ingenuity."



A ONE-DAY FACULTY DEVELOPMENT PROGRAMME

AI-Powered Pedagogy to Transform Teaching-Learning, Evaluation and Collaboration

24 February, 2024

Internal Quality Assurance Cell (IQAC)
Loyola College (Autonomous), Chennai

About FDP

The rapid advancement of Artificial Intelligence (AI) presents exciting and endless possibilities for teachers, students and researchers in higher education. Hence, this one-day FDP is organised exclusively for the academic staff of Loyola College, Chennai to explore the latest AI trends and their practical applications in teaching and learning and equip teachers with the knowledge and skills to integrate AI-powered solutions into their teaching practices and thereby transforming the learning experience, assessment methods and collaborative opportunities.

Expected Outcomes

Participants will be able to:

- Demonstrate a deeper understanding of AI applications in teaching and learning
- Integrate AI tools into their lesson plans and assessments
- Utilize AI responsibly and ethically in their teaching practices
- Nurture a community of practice (CoP) among teaching fraternity



Convener
Prof. D. Francis Xavier, IQAC Coordinator

Organising Secretaries

Dr. Dorathy Pushparani, Asst. IQAC Coordinator
Dr. A. Amala Arokiaraj, Coordinator, LET

Organising Committee

Dr. P. Sagayaraj (Advisor), Director, LDC
Dr. M. Victor Antony Raj (Phy)
Dr. J. Arul Suresh (Com)
Dr. I. Princes (His)
Dr. Y. Kins (Maths)
Dr. D. Robert Selvam (Zoo)
Dr. L. Soosai Sagayaraja (Tamil)
Dr. M. Nester Jeyakumar (Comp)
Dr. S. Venkatlakshmi (Comp)
Dr. K. C. Mini Mathew (Com)
Dr. S. Cynthia (Phy)
Mr. K. Jacob Davis (B.Com CS)
Mr. N. Raman Raja (Vis)
Mr. A. Antoine Dominic Gnanasudhan (Eng)
Dr. T. S. Sahaya Mary (Eng)
Mr. R. Hendry Ruban (Com)
Mr. J. Alagariswamy (Eco)
Mr. N. Unnikrishnan (KKU)
Dr. A. J. Renilda Sophy (Zoo)
Dr. K. Revathy (Tamil)
Dr. D. Esther Lydia (Food Chem)
Dr. T. Adinaveen (Chem)
Mr. M. Nagamani (B.Com A&F)
Mr. A. Jeevith Anguram (His)
Dr. K. Mahalakshmi (Hindi)
Dr. J. Minothi (B.Com Honours)
Mr. V. R. Karthikeyan (B.Com CS)
Mr. R. M. Shankar Subbiah (B.Com CA)
Mr. A. Anthonysamy (IQAC Staff)
Mr. G. Victor Ashok (IQAC Staff)
Mr. V. Joseph Xavier (IQAC Staff)



Patrons

Rev. Dr. Antony Robinson, SJ., Rector
Rev. Dr. B. Jeyaraj, SJ., Secretary
Rev. Dr. A. Louis Arockiaraj, SJ., Principal
Dr. J. A. Charles, Deputy Principal

Sessions

Time: 09.00 a.m. – 10.30 a.m.

Session 1: AI Revolution in Higher Education: Transforming the Learning Landscape

Time: 11.00 a.m. – 12.30 p.m.

Session 2: Exploring AI-Enhanced Teaching-Learning and Evaluation: A Transformative Experience

Time: 02.00 p.m. – 03.30 p.m.

Session 3: Cultivating a Collaborative Workplace.

Resource Persons

Rev. Fr. Sabu Thomas, Asst. Professor of English, Sacred Heart College, Thevara, Kochi

Dr. Ashok Immanuel V, Professor, Computer Science, CHRIST (Deemed to be University), Bengaluru

Dr. P. Pal Pandian, Professor and Program Coordinator for BTech-Robotics and Mechatronics, CHRIST (Deemed to be University), Bengaluru

Mr. Nelson Victor, Corporate Team-Building Strategist, Consultant Trainer for Corporates

Mr. Arun Prasath, Business Partner Human Resource, Infosys, Chennai

Ms. Felicia, Corporate Team-Building Strategist, Consultant Trainer for Corporates

Report on
“A One-Day Faculty Development Programme for Academic Staff -
School of Sciences”
On
“AI-Powered Pedagogy to Transform Teaching-Learning,
Evaluation and Collaboration”
24th February 2024, LICE Hall, Old LIBA Block

The Internal Quality Assurance Cell (IQAC) of Loyola College (Autonomous), Chennai, took a proactive step towards embracing the transformative potential of Artificial Intelligence (AI) in education by organizing a one-day Faculty Development Programme (FDP) on **“AI-Powered Pedagogy to Transform Teaching-Learning, Evaluation, and Collaboration.”** This event, held on 24th February, 2024, at Loyola College (Autonomous), Chennai, aimed to empower the academic staff from the science stream with the knowledge and skills needed to integrate AI technologies into their teaching practices effectively.

The FDP recognized the rapid evolution of AI and its profound implications for higher education and aimed, through input and interactive sessions, hands-on training to equip faculty members. The teaching faculty were given the opportunity to explore how AI-powered solutions could enhance the learning experience, assessment methods, and collaborative opportunities within their classrooms.



Through this FDP Participants will gain insights into:

- (1) AI-powered teaching-learning tools
- (2) Reimagining assessment with AI
- (3) Ethical considerations and best practices for responsible AI use in education
- (4) Promoting collaboration for rigorous academic pursuits.

Session 1:

AI Revolution in Higher Ed: Transforming the Learning Landscape was delivered by **Dr. Ashok Immanuel V. Professor, Computer Science, CHRIST (Deemed to be University), Bengaluru.**

Dr. Ashok Immanuel V., delved into AI's role in transforming the learning landscape for enhancing teaching-learning experiences. He provided participants with insights into the latest AI trends and practical applications in teaching and learning context.



Session 2:

Exploring AI- Enhanced Teaching-Learning and Evaluation: A Transformative Experience

Dr. Ashok Immanuel V. Professor, Computer Science, CHRIST (Deemed to be University), Bengaluru, was the speaker for the next session.

The expected outcomes of the FDP were ambitious yet achievable. Participants were encouraged to develop a deeper understanding of AI applications in education, enabling them to integrate AI tools seamlessly into their lesson plans and assessments. Importantly, emphasis was placed on utilizing AI responsibly and ethically, ensuring that its integration into teaching practices aligned with ethical standards and educational goals.



Overall, the Faculty Development Programme on “AI-Powered Pedagogy to Transform Teaching-Learning, Evaluation, and Collaboration.” at Loyola College (Autonomous), Chennai, represented a forward-thinking initiative to harness the potential of AI in education. By equipping academic staff with the necessary knowledge and skills, the program enabled faculty to facilitate innovation, enhance teaching effectiveness, and ultimately enrich the learning experiences of students in this digital age.



Mr. D. Francis Xavier

IQAC Coordinator

Prof. D. Francis Xavier

IQAC Coordinator

Loyola College, Chennai-34

Dr. Dorathy Pushparani

IQAC Assistant Coordinator

Dr. Dorathy Pushparani

Assistant IQAC Coordinator

Loyola College, Chennai-34

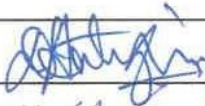
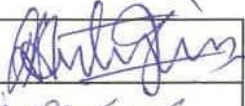

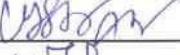
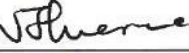



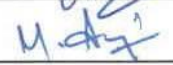
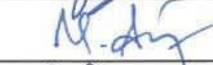


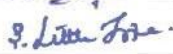







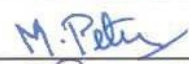
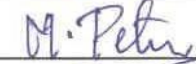



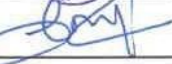
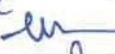

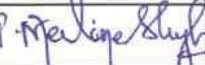


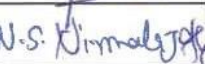
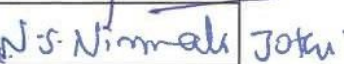
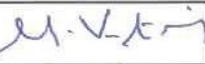
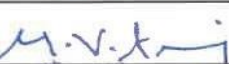


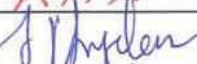
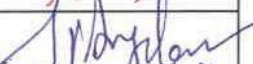
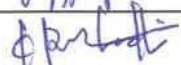
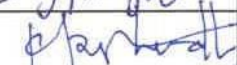

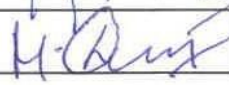
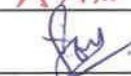
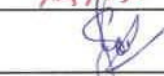

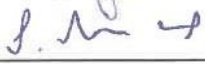




LOYOLA COLLEGE (AUTONOMOUS), CHENNAI 600 034

Internal Quality Assurance Cell (IQAC)

A One-Day Faculty Development Programme on AI-POWERED PEDAGOGY TO TRANSFORM TEACHING-LEARNING, EVALUATION AND COLLABORATION

Science Department Shift - I

Date: 24/02/2024 Venue: LICE Hall			Signature	
Sl. No.	Faculty Name	Department	Morning	Evening
1	Dr. M.C. John Milton	Adv. Zoo.		
2	Dr. K. Thresia Mathews	Adv. Zoo.		
3	Dr. V. Pushpa Rani	Adv. Zoo.		
4	Dr. M. Raja	Adv. Zoo.		
5	Dr. Mary Dorothy Anitha Sebastian	Adv. Zoo.		
6	Rev. Dr. S. Maria Packiam, S.J.	Adv. Zoo.	AAA	AAA
7	Ms. V. Jelin	Adv. Zoo.		
8	Dr. D. Robert Selvam	Adv. Zoo.		
9	Dr. A.J. Renilda Sophy	Adv. Zoo.		
10	Mr. M. Balachandar	Adv. Zoo.		
11	Dr. Nallamuthu, P.	Adv. Zoo.		
12	Dr. D. Suresh Kumar	Chemistry		
13	Dr. M. George Johnson	Chemistry		
14	Dr. A. John Maria Xavier	Chemistry		
15	Dr. A. Justin Adaikala Baskar	Chemistry		
16	Dr. J. Judith Vijaya	Chemistry		
17	Dr. S. Anuja	Chemistry		
18	Dr. M.F. Valan	Chemistry	M.F. Valan	M.F. Valan
19	Dr. M. Jaccob	Chemistry		
20	Dr. Sweetlin Rajula Rubavathi	Chemistry		
21	Dr. N. Arockia Samy	Chemistry		
22	Dr. S. John Mary	Chemistry		
23	Dr. A. Vijayakumar	Chemistry		
24	Dr. S. Daniel Doss	Chemistry		
25	Dr. P. Ajit Walter	Chemistry		
26	Dr. Leema Sophie, P.	Chemistry		

27	Dr. D. Antony Xavier	Mathematics		
28	Dr. M.A. Basker	Mathematics		
29	Dr. D. Florence Isido	Mathematics		
30	Mr. J. Maria Roy Felix	Mathematics		
31	Dr. M. Arockiaraj	Mathematics		
32	Dr. M. Chris Monica	Mathematics		
33	Dr. S. Little Joice	Mathematics		
34	Dr. Charles Robert Kenneth	Mathematics		
35	Dr. Y. Kins	Mathematics		
36	Dr. D. Francis Xavier	Mathematics		
37	Ms. T. Shiba Neenu	Mathematics	AAA	AAA
38	Dr. M. Peter	Mathematics		
39	Dr. S. Roseline Mary	Mathematics		
40	DR. MAHIMAIRAJ P	Mathematics		
41	Dr. J. Madhavan	Physics		
42	Dr. J. Merline Shyla	Physics		
43	Dr. J. Mary Linet	Physics		
44	Dr. N.S. Nirmla Jothi	Physics		
45	Dr. G. Sreekumari	Physics	AAA	AAA
46	Dr. M. Victor Antony Raj	Physics		
47	Dr. J. Arul Martin Mani	Physics		
48	Dr. S. Arul Mozhi	Physics	AAA	AAA
49	Dr. J.P. Angelena	Physics		
50	Dr. K. Pugazhendhi	Physics		
51	Dr. M. Dinesh Raja	Physics		
52	Rev.Dr.J. Antony Robinson, S.J.	Physics	AAA	AAA
53	DR. MARIA LUMINA SONIA	Physics		
54	DR. NAVEEN KUMAR. P	Physics		
55	MS. GLADYS JOYSI M	Physics		
56	MR. JOE RAJA RUBAN M	Physics		

57	Dr. J. Joel Gnanadoss	Pl. Biology	<i>[Signature]</i>	<i>[Signature]</i>
58	Dr. P. Agastian S. Theoder	Pl. Biology	<i>P. Agastian</i>	<i>P. Agastian</i>
59	Mr. L. Antoine Lebel	Pl. Biology	<i>L. Antoine Lebel</i>	<i>L. Antoine Lebel</i>
60	Dr. R. Ravindhran	Pl. Biology	<i>R. Ravindhran</i>	<i>R. Ravindhran</i>
61	Dr. G. Jeya Jothi	Pl. Biology	<i>[Signature]</i>	<i>[Signature]</i>
62	Dr. I. Jaqueline Chinna Rani	Pl. Biology	<i>I. Jaqueline</i>	<i>I. Jaqueline</i>
63	Rev. Dr. G. Victor Roch, S.J.	Pl. Biology	AAA	AAA
64	DR. JENIFER S	Pl. Biology	<i>Jenifer S</i>	<i>Jenifer S</i>
65	Dr. S. Xavier	Statistics	<i>S. Xavier</i>	<i>S. Xavier</i>
66	Mr. L. Joseph Arockiasamy	Statistics	<i>L. Joseph</i>	<i>L. Joseph</i>
67	Mr. M. Syluvai Antony	Statistics	<i>M. Syluvai Antony</i>	<i>M. Syluvai Antony</i>
68	Dr. S. Selva Arul Pandian	Statistics	<i>S. Selva Arul Pandian</i>	<i>S. Selva Arul Pandian</i>
69	Dr. K. Esther Jenitha	Statistics	AAA	AAA
70	Dr. S. Amala Revathy	Statistics	<i>S. Amala Revathy</i>	<i>S. Amala Revathy</i>
71	Dr. L. Pephine Renitta	Statistics	<i>L. Pephine Renitta</i>	<i>L. Pephine Renitta</i>
72	Dr. B. Ruban Raja	Statistics	AAA	AAA
73	Dr. M. Jeevitha	Statistics	<i>M. Jeevitha</i>	<i>M. Jeevitha</i>
74	Dr. R. Senthil Kumar	Statistics	<i>R. Senthil Kumar</i>	<i>R. Senthil Kumar</i>
75	Dr. Chandar, V.	Statistics	<i>V. Chandar</i>	<i>V. Chandar</i>
76	MS. JAYASUNDARI. C	Statistics	<i>Jayasundari C</i>	<i>Jayasundari C</i>
77	MS. AMUDHAVALLI S	Statistics	<i>Amudhavalli S</i>	<i>Amudhavalli S</i>
78	Rev. Fr. Justin Prabhu, S.J.	Viscom	<i>Justin Prabhu</i>	
79	Rev. Dr. A. Irudayaraj, S.J.	Viscom	<i>A. Irudayaraj</i>	<i>A. Irudayaraj</i>
80	Mr. T. Milton Ravichandran	Viscom	AAA	AAA
81	Ms. J.S. Chithra	Viscom	AAA	AAA
82	Ms. Susan Athi	Viscom	AAA	AAA

83. Dr. S. Vijayalakshmi

Phy. Edu

[Signature]

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Morning

Absent - 11

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI 600 034

Internal Quality Assurance Cell (IQAC)

A One-Day Faculty Development Programme on AI-POWERED PEDAGOGY TO TRANSFORM TEACHING-LEARNING, EVALUATION AND COLLABORATION

Science Department Shift - II

Date: 24/02/2024 Venue: LICE Hall

Signature

Sl. No.	Faculty Name	Department	Morning	Evening
1	Dr. Prem Kumar. A	Biotechnology		
2	Dr. Sheela. S	Biotechnology		
3	Dr. Tanya Periera. M.A.	Biotechnology		
4	Dr. Tamil Selvan. C	Biotechnology		
5	Dr. Navinraj T I	Biotechnology		
6	Dr. Bharathidason. S	Computer Science		
7	Dr. Anandaraj. M.D	Computer Science		
8	Dr. Jerald Inico. J	Computer Science		
9	Dr. Rexline. S.J	Computer Science		
10	Dr. Justin Sophia. I	Computer Science		
11	Ms. Maria Vinitha. A	Computer Science		
12	Dr. Nester Jeyakumar. M	Computer Science		
13	Dr. Regina. M	Computer Science		
14	Dr. Venkatalakshmi. S	Computer Science		
15	Dr. Amali Asha. A	Computer Science		
16	Dr. Deeba. M	Computer Science		
17	Ms. Jasmine Jinitha. A	Computer Science		
18	Ms. Gangadevi. E	Computer Science		
19	Mr. Antony S. Alexander	Computer Science		
20	Ms. Vijaya. S	Computer Science		
21	Dr. Edison. M	Computer Science		
22	Dr. Stella A	Computer Science		
23	Dr. KANAGESWARI. S	Computer Science		
24	Dr. Rajaretnam. T	Data Science	ABSENT	AAA
25	Dr. Sumathy. V	Data Science		
26	Dr. Manimuthu. A	Data Science		
27	Dr. Manikandan. P	Data Science		

Morning : 6 Absent
72/P results

28	Dr. Rajalakshmi. P	Chemistry	P. O. Muni	P. O. Muni
29	Dr. Leo Lawrence. K	Chemistry	L. Lawrence	L. Lawrence
30	Dr. Ruby Thomas	Chemistry	R. Thomas	R. Thomas
31	Dr. Santharaj. D	Chemistry	ABSENT	-
32	Dr. Adinaveen. T	Chemistry	Adinaveen	Adinaveen
33	Dr. Jeyamani Divya Christudoss	Food Chemistry	J. Divya C	J. Divya C
34	Ms. Vishwa Rohini. H	Food Chemistry	ABSENT	-
35	Dr. Dorathy Pushparani	Food Chemistry	Dorathy	Dorathy
36	Dr. Esther Lydia. D	Food Chemistry	Esther Lydia	Present
37	Dr. Mary Anne Preetha K	Food Chemistry	M. Anne Preetha	M. Anne Preetha
38	Dr. Chandrasatheesh C	CHEMISTRY	C. Chandrasatheesh	C. Chandrasatheesh

39	Dr. Bharathi. T	Mathematics	T. Bharathi	T. Bharathi
40	Dr. Janet Sheeba. J	Mathematics	J. Janet Sheeba	J. Janet Sheeba
41	Dr. Iruthaya Raj. S	Mathematics	Iruthaya Raj. S	Iruthaya Raj. S
42	Mr. Emmanuel.F.R	Mathematics	F.R. Emmanuel	F.R. Emmanuel
43	Mr. Christopher. A	Mathematics	Christopher A	Christopher A
44	Mr. Kumanan. D	Mathematics	Kumanan D	Kumanan D
45	Dr. Geno Kadwin. J	Mathematics	Geno Kadwin J	Geno Kadwin J
46	Dr. Arokiya Mary. T	Physics	T. Arokiya Mary	T. Arokiya Mary
47	Dr. Mercina. M	Physics	Mercina M	Mercina M
48	Mr. Shanmugapriyan. B	Physics	Shanmugapriyan B	Shanmugapriyan B
49	Dr. Stanley Raj. A	Physics	Stanley Raj A	Stanley Raj A
50	Dr. Cynthia. S	Physics	Cynthia S	Cynthia S
51	Dr. Antony Inglebert. S	Physics	S. Antony Inglebert	S. Antony Inglebert
52	Dr. Packiyaraj. M	Physics	M. Packiyaraj	M. Packiyaraj
53	Dr. Prabakaran. P	Physics	P. Prabakaran	P. Prabakaran
54	DR.ALINDA SHALY A.	Physics	Alinda Shaly A	Alinda Shaly A
55	MS. JOSELENE SUZAN JENNIFER. P	Physics	Joselene Suzan Jennifer P	Joselene Suzan Jennifer P

56	Dr. Nidhya. B	Visual Communication	Nidhya N	AAA
57	Prof. Henry Maria Victor (Retd)	Visual Communication	[Signature]	[Signature]
58	Dr. Bharathi. B	Visual Communication	B. Bharathi	B. Bharathi
59	Mr. Eugene. D.G.	Visual Communication	[Signature]	[Signature]
60	Dr. Vijay Ratna Kumar. J	Visual Communication	Dr. J	Dr. J
61	Mr. Raman Raja. N	Visual Communication	[Signature]	[Signature]
62	Mr. Thomas Smiles. K	Visual Communication	Thomas	Thomas
63	Ms. Sahana. S	Visual Communication	ABSENT	AAA
64	Mr. Philip. M. J.	Visual Communication	Phy.	Phy.
65	Mr. Jesly Anto. J	Visual Communication	[Signature]	[Signature]
66	Mr. Harry J Margan	Visual Communication	[Signature]	[Signature]
67	Mr. Joseph Manoj Babu. S	Visual Communication	[Signature]	[Signature]
68	Ms. Roseline Stella Rani G	Visual Communication	[Signature]	[Signature]
69	Mr. Samson Durai S	Visual Communication	Samson S.	Samson S.
70	MR. ARJUN M	Visual Communication	[Signature]	[Signature]
71	Ms. Romila Sudhakar	Visual Communication	ABSENT	AAA
72	MR. BAGATH P.S.	Visual Communication	ABSENT	AAA

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74. Anjali Bastian Comp Sci [Signature] AAA

75. Edmund Paul S " [Signature] AAA

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