README

'तिसरा मेंदू' a weekly column under the Editorial page in 11 publications

Checklist

- Before Publication:
  - Prepare English content draft using the prompt
  - Write in own Marathi in gDoc, add pic and title at the end, email it
  - Link it in this doc against the following item list
- Once published,
  - Scan the newspaper pic or get from the eSakal
  - LinkedIn post with pic, link to Mediu, eSakal in comments
  - Laminate the newspaper cutting
  - Medium post in Desi Stack with English content (Ketan Shende?) with scanned pic as banner, give this link in LinkedIn post comment, plus eSakal link. Also give LinkedIn link and eSakal link here as References.
  - Add links of [] in the following item list
  - Add entry in the Payments table here
  - See if payment has come in ICICI

Topics

Here are some contemporary and relevant topics with brief descriptions for your AI newspaper column. These topics can evolve into standalone book chapters, offering a comprehensive narrative on AI.

Foundations and Core Concepts

- ~~"What is Artificial Intelligence?" [A modern introduction to AI and its fundamental principles]~~ Too preliminary, assuming the readers are aware of basics of AI
- "AI vs. Human Intelligence: Myths and Realities" [Comparing and contrasting artificial and biological intelligence] 2nd Jan 2025 [gDoc, eSakal, LinkedIn, Medium, Payment?]
- ~~"Inside the AI Brain: Understanding Neural Networks" [Demystifying how artificial neural networks process information]~~
- ~~"Machine Learning Fundamentals" [Breaking down the core concepts of how machines learn from data]~~
- ~~"Deep Learning Decoded" [Exploring the technology powering modern AI breakthroughs]~~

AI in Daily Life

- "AI in Your Pocket: Smartphone Intelligence" [Examining AI features in everyday mobile device use] 9thJan 2025 [eSakal, LinkedIn, Medium, Payment?]
- "Digital Assistants: Beyond Simple Commands" [Understanding modern voice assistants and their capabilities]
- "AI in Your Home: Smart Living" [Practical applications of AI in home automation and daily tasks]
- "Shopping with AI: Personalization and Recommendations" [How AI shapes our shopping experiences and choices]
- "AI and Entertainment: Streaming, Gaming, and Beyond" [Understanding AI's role in content delivery and entertainment]

Communication and Language

- "Language Models Explained: How ChatGPT Works" [Breaking down the technology behind conversational AI]
- "The Evolution of Machine Translation" [How AI is breaking down language barriers]
- "Content Generation: AI as a Creative Partner" [Understanding AI's role in writing and content creation]
- "Voice Recognition and Synthesis" [How AI understands and reproduces human speech]

Visual and Creative AI

- "Computer Vision: How AI Sees the World" [Understanding how machines process and analyze images]
- "AI Art Revolution" [Exploring AI's impact on visual arts and creativity]
- "AI in Film and Animation" [From special effects to automated animation]
- "AI Music Composition" [Understanding AI's role in creating and processing music]

Professional and Business Applications

- "AI in the Workplace: Professional Tools" [Practical AI applications for productivity and efficiency]
- "Small Business AI: Accessible Tools and Solutions" [How small businesses can leverage AI effectively]
- "AI in Customer Service" [Understanding automated support systems and chatbots]
- "AI-Powered Marketing" [How AI is transforming advertising and customer engagement]

Healthcare and Wellbeing

- "AI in Medical Diagnosis" [Understanding AI's role in disease detection and diagnosis]
- "Personalized Medicine Through AI" [How AI is enabling customized healthcare solutions]

- "Mental Health and AI Support" [Applications and limitations of AI in mental healthcare]
- "AI in Drug Discovery" [How AI is accelerating medical research]

Education and Learning

- "AI-Powered Learning Systems" [Understanding adaptive learning and personalized education]
- "Assessment and Feedback with AI" [How AI is transforming educational evaluation]
- "Virtual Tutors and AI Teachers" [The future of AI-assisted education]

Transportation and Infrastructure

- "Autonomous Vehicles: Current State and Future" [Reality check on self-driving technology]
- "Smart Cities and AI Infrastructure" [How AI is improving urban living]
- "AI in Public Transportation" [Optimizing mass transit systems with AI]

Environmental Applications

- "AI vs. Climate Change" [How AI is helping combat environmental challenges]
- "Smart Energy Management" [AI applications in power distribution and conservation]
- "AI in Agriculture and Food Production" [Improving farming efficiency and sustainability]

Security and Privacy

- "AI Security Systems" [Understanding modern AI-powered security]
- "Privacy in the Age of AI" [Protecting personal data in an AI-driven world]
- "AI in Cybersecurity" [How AI defends against digital threats]

Financial Applications

- "AI in Personal Finance" [From robo-advisors to fraud detection]
- "Banking and AI" [How AI is transforming financial services]
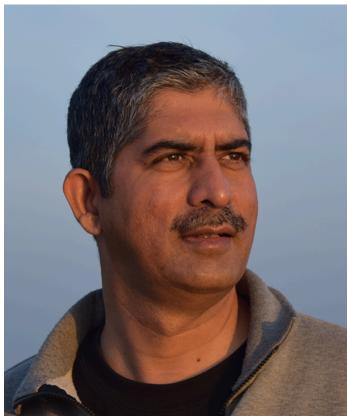- "AI Trading Systems" [Understanding automated financial markets]

Societal Impact

- "AI and Employment" [Real impacts on jobs and future careers]
- "AI Ethics and Responsibility" [Addressing moral challenges in AI development]
- "AI Bias and Fairness" [Understanding and addressing systemic biases]
- "AI Regulation and Policy" [Current and future legal frameworks]

Future Perspectives

- "Artificial General Intelligence" [Understanding the quest for human-level AI]
- "Multimodal AI Systems" [The future of AI that can see, hear, and understand]
- "Human-AI Collaboration" [The future of working alongside AI]
- "AI and Scientific Discovery" [How AI is accelerating research across fields]
- "The Next Decade of AI" [Predicting and preparing for future developments]

Personal

(लेखक 'कृत्रिम बुद्धिमत्ता' या विषयाचे सल्लागार आहेत)

Prompts

Prompt used to generate above ideas:

> You are an established AI expert as well as newspaper columnist. Please suggest about 25 topics and corresponding short 1-liner briefs related to AI so that they can form a list of

biweekly columns in a local newspaper. Suggest topics that are contemporary and relevant to common man. These could be explanatory, some-what technical, recent advancements, application oriented, etc. Let's think slowly. Assume that the reader has some basic and high-level understanding of AI. A thought should be given that later these topics can become chapters of a book as well.

Prompt used to generate article points from each idea:

You are an established AI expert as well as newspaper columnist. Please prepare a list of about 20-25 critical points based on the topic and corresponding short 1-liner given in square brackets. Points should be introductory, explanatory, technical, with recent advancements, application oriented, include lots of everyday examples etc. Let's think slowly. A thought should be given that, later this article can be one of the chapters of a book as well.

Topic [Description]:

Prompt used to review the prepared Marathi article:

You are an established AI expert as well as a popular Marathi newspaper columnist. Please review the following article critically and change it minumally. Correct grammatical mistakes. Make sentences shorter. Remove duplicate or similar content. Make it about 500 words. Highlight the changes. Let's think slowly. A thought should be given that, later this article can be one of the chapters of a book as well.

Marathi article: