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Minute-Taking with Al – Revolutionising accuracy and efficiency



WHO AM 1?

Teboho Semmelink-Mahlaba

From: Born and arew-up pre-teens in Lesotho. High School and Varsitu in Cape Town South Africa

Fun Fact about me: Old School Jammer. Authored a few published short stories

Past and Work Experience: SEMTAAK Accommodation and Proiects SA Co-Founder and Director. SEMTAAK Lesotho Founder and Director. Moua Events Proiect Management and Marketina(EPM) Founder and MD – PCO in the MICE industru. focussed on conference and event management. for over 20 uears. Work as Program Manager at loveLife (HIV & leader in Youth Health Promotion). Business Development Manager at Mashalaba HR. Franchisee Business Network South Africa Midrand

A social Entrepreneur who is passionate about the development of wouth and community. With more than 10 years in wouth and community development.

Junior Chamber International Senator

Current position: Chief Operatina Officer (COO) & Co-Founder Current Company/ organisation you are working for: GoDiaitalSA Foundation

"KNOWLEDGE IS POWER, LOVE IS WEALTH, ATTITUDE KEEPS YOU YOUTHFUL, AND YOUR ROOTS KEEP YOU GROUNDED. FAMILY IS EVERYTHING, AND HUMANITY IS FAMILY. EMBRACE THESE VALUES, AND THROUGH FAITH IN YOUR CHOICES AND ACTIONS, BECOME A BETTER VERSION OF YOURSELF—NAVIGATING LIFE WITH STRENGTH, COMPASSION, AND GRACE."



LOOKING BACK: DESIGN YOUR DREAM OFFICE SPACE



Mbali Mkhize's Dream office, as generated via WhatsApp Meta Al Business



Zama Sishi's Dream office, as generated via WhatsApp Meta Al Business

Conclusion Now that we have an awesome looking Office

Creating this ideal office ambiance fosters a space where employees feel motivated, focused, and comfortable, leading to improved productivity and satisfaction.

Role of Office Professionals

Office professionals play a crucial role in designing offices that foster productivity and comfort.

Principles of Office Ergonomics

By following the principles of office ergonomics, we can create workspaces that make us more productive and comfortable.

Practical Tips for Ideal Office Environments

Using practical tips, we can create ideal office environments on a tight budget.



The Brief

Artificial Intelligence (AI) is *transforming minute-taking* and *meeting documentation* by <u>automating the capture, summarization</u>, and follow-up of discussions.

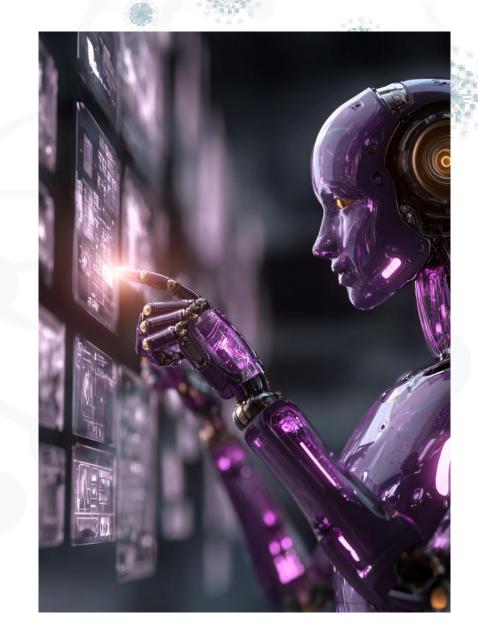
How?

Leveraging advanced AI algorithms enables:

- Accurate recording of meeting minutes
- Concise summaries of key points
- Automated generation of actionable tasks

This reduces manual effort, enhances precision, and improves communication of critical insights.

By following best practices, organizations can maximize the value of AI in streamlining meeting workflows and boosting overall efficiency.





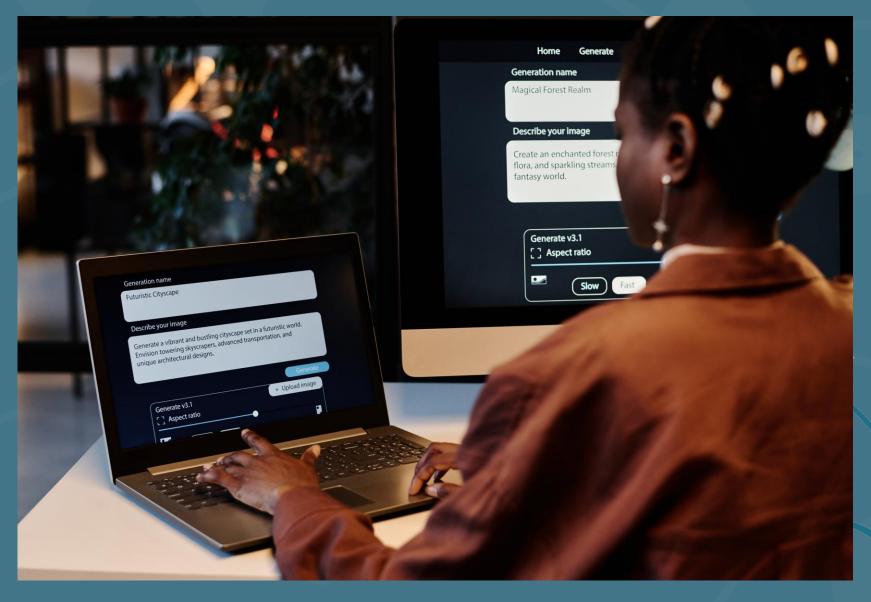
The Administrative Challenge

- Manual minute-taking is:
 - Time-consuming
 - Prone to human error
 - Often inconsistent in format and detail
- Administrators face increasing pressure to deliver accurate documentation quickly



- Common pain points in manual documentation
- Real examples from tertiary institutions



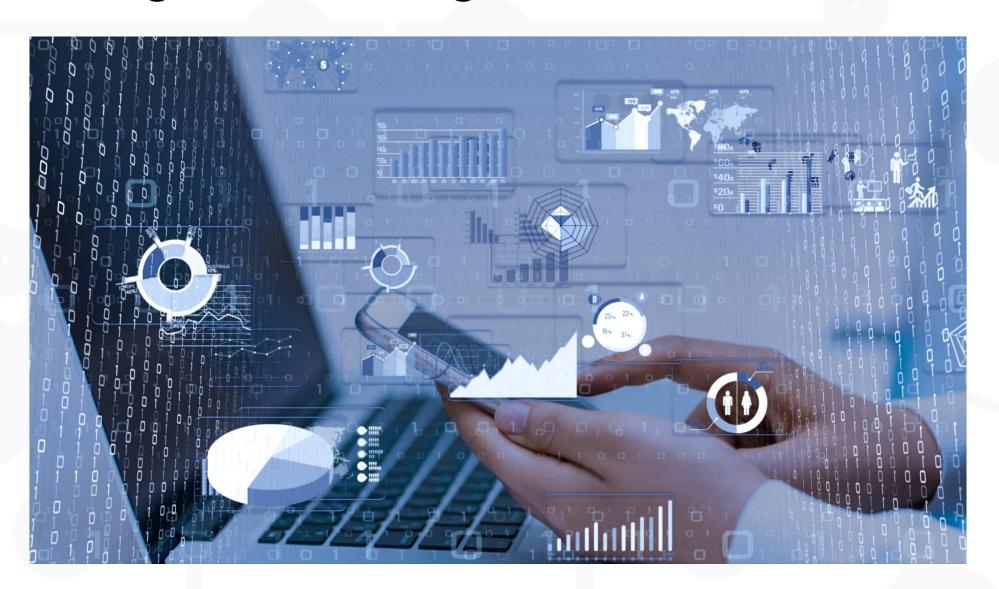




Benefits of AI in Minute-Taking

- Efficiency: Reduces time spent on documentation
- Accuracy: Captures full conversations without missing key points
- Consistency: Standardized format across meetings
- Accessibility: Instant sharing and archiving







Al in Action for minute taking - the context.

The utilization of artificial intelligence (AI) in the context of minute-taking and meeting documentation presents an innovative approach to enhancing organizational efficiency and effectiveness.

By harnessing advanced Al algorithms, it becomes feasible to record accurate meeting minutes, succinctly summarize discussions, and generate actionable follow-up tasks with minimal manual input.

This automation not only reduces the administrative burden on participants but also ensures a higher degree of precision and comprehensiveness in documentation.

By adhering to these best practices, organizations can optimize the impact of AI in enhancing their minute-taking processes, ensuring that critical insights and action items are accurately captured and

effectively communicated.





Real-World Applications in Tertiary Institutions

- Faculty meetings
- Senate and council sessions
- Student disciplinary hearings
- Strategic planning workshops

Case Study Example

University X implemented AI minute-taking for faculty board meetings:

- Reduced documentation time by 60%
- Improved follow-up task completion by 40%
- Enhanced transparency and accountability





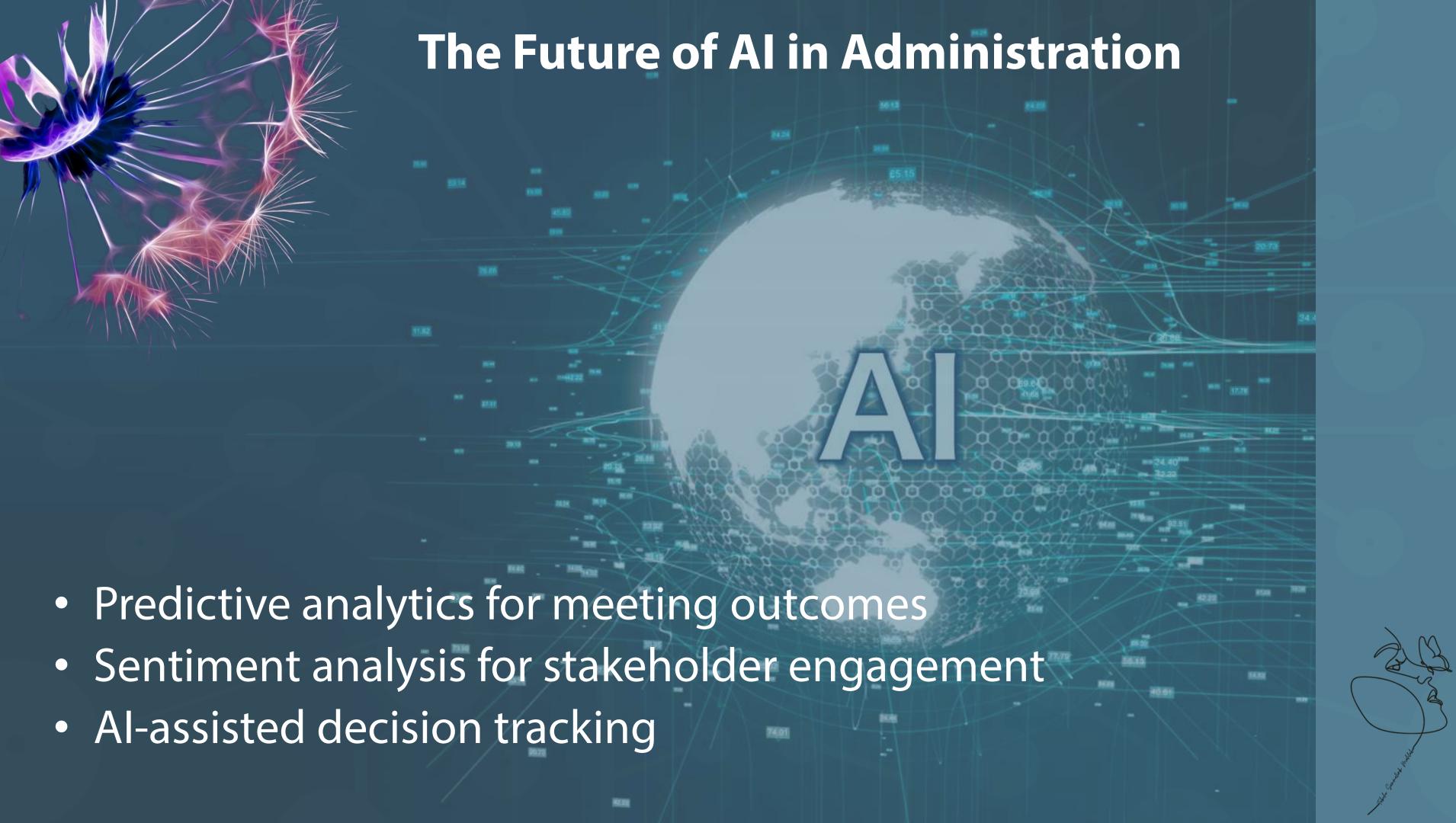




- Accuracy in noisy environments
- Handling multiple speakers
- Ethical concerns around recording
- Resistance to change from staff







Al Tools You Can Use Today

Some of the tools available:

- Otter.ai
- Microsoft Copilot Fireflies.ai
- Zoom Al
- Companion
- Tactiq
- Krisp
- Supernorma
- Granola
- Octa.Al
- Fellow
- timeos
- **Bubbles.Al**
- **FATHOM**
- tl:dv
- Meet.geek

Pros & cons for each

Otter.ai



Accurate real-time transcription even with South African accents

Smart summaries and speaker identification

Integrates with Zoom, Google Meet, Microsoft Teams

Affordable pricing (Free tier + Pro from ~\$8.33/month)

Mobile app for on-the-go use

Collaboration features for shared editing



Free tier limitations (300 minutes/month)

Requires stable internet—challenging in areas with poor connectivity

Occasional errors with heavy accents or noisy environments Basic formatting—not ideal for formal academic minutes

Microsoft Copilot



Pros

Deep integration with Microsoft 365 (Word, Excel, Teams, Outlook) Generates summaries, emails, presentations, and action items No need for external tools—works within familiar apps Supports decision-making with data analysis Minimal learning curve for existing Microsoft users



High cost (~\$30/user/month) may be prohibitive for public institutions Requires Microsoft 365 subscription

Limited offline functionality

Data privacy concerns—especially with sensitive academic content Over-reliance risk—may reduce critical thinking in documentation

Fireflies.ai



Pros

High transcription accuracy (>95%) even with accents

Al-generated summaries and action items

Multilingual support—useful in diverse South African institutions

Integrates with Zoom, Google Meet, Teams

Robust search and speaker identification

Mobile and desktop access



Pricing (Pro starts at \$10/month; Business \$19/month)

Privacy concerns—data stored on servers

Limited mobile functionality

Nuances may be lost in complex academic discussions

Zoom AI Companion



Real-time transcription and action item capture Sentiment analysis—can gauge team morale

Whiteboard feature for visual brainstorming

In-meeting queries—catch up if joining late



Only works with Zoom—not ideal for multi-platform institutions

Limited speaker identification (Zoom users only)

No support for in-person meetings

No custom vocabulary—problematic for academic jargon

Paid plan required (~\$14/month)



Al Tools You Can Use Today Cont...

Pros & cons for each

Tactiq



Real-time transcription without bots
Works with Google Meet, Zoom, Teams
One-click summaries and action templates
GDPR & SOC-2 compliant—important for institutional data
Free Chrome extension available



Chrome-only—no standalone desktop/mobile app No offline transcription Advanced features locked behind paid plans No video recording—transcripts only

Supernormal



Automatic note-taking during meetings

Works with Google Meet and Zoom Integrates with CRMs like HubSpot and Salesforce Simple UI and easy sharing

X Cons:

Limited voice recognition accuracy
Summaries may lack depth
Not ideal for complex academic meeti

Not ideal for complex academic meetings
Limited platform support (mostly Google Meet)

tl;dv



Krisp

Pros:

X Cons:

Excellent noise cancellation—ideal for noisy environments

Bot-free transcription and summaries

Works with Zoom, Teams, Meet, Skype, etc.

Affordable (Free plan + Paid from \$8/month)

Real-time performance insights

Transcription only in English

Free plan limited to 60 minutes/day

No advanced meeting management features

No custom vocabulary or speaker tagging

Free plan is generous: Unlimited meetings, transcriptions, and summaries.

Accurate transcription: Works well with South African accents and supports multiple languages.

Al-generated notes and action items: Saves time and improves documentation quality.

Meeting templates: Useful for academic, HR, and management meetings.

Video clips and highlights: Great for sharing key decisions.

Al coaching insights: Helps improve meeting effectiveness.

Strong integrations: Works with Zoom, Google Meet, Teams, Slack, Notion, and more.

User-friendly interface: Easy for non-technical staff to adopt.



No mobile app: Limits flexibility for on-the-go administrators.

Advanced features cost more: Business plan needed for full functionality.

Requires stable internet: May be a challenge in some regions.

Data privacy concerns: Institutions must ensure compliance with POPIA.

Some YouTube Tutorial links

https://youtu.be/fD9k9yxgHE8?si=zE7XVjJB8xw-CjAl https://youtu.be/xlerH2GuY7s?si=DSigIYq1wwkMORj9 https://youtu.be/uGRoWmnEZAE?si=sNTwKV3gEDSgv3KY https://youtu.be/zaKS-zl_6Ww?si=te3-XFFwKTmJldfY https://youtu.be/X4tz9XJ9Ui8?si=YA_TjY6x1Xwh4XaM https://youtu.be/J-yB0x7-miU?si=8lKbBGIFDCHR-QdB

https://youtu.be/9uEH72FMyJU?si=Uxn4pwQOL-ItrGKn

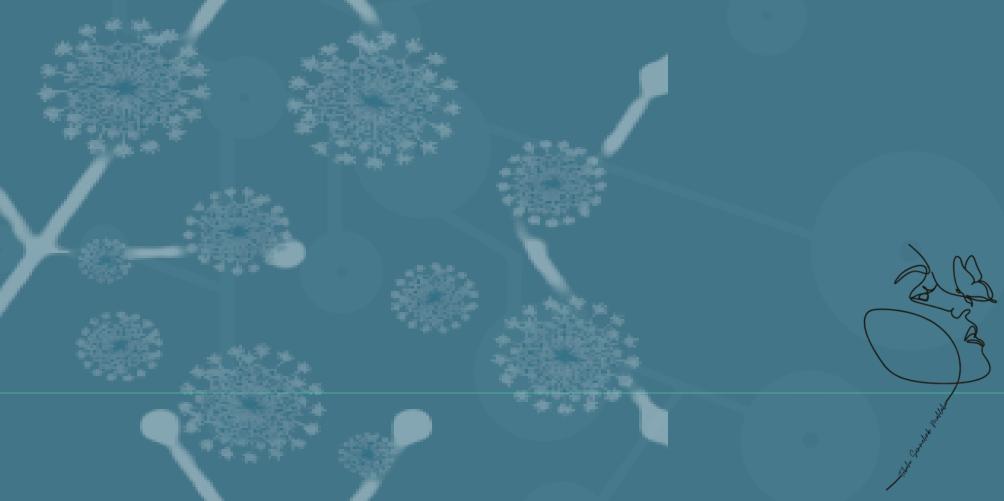


Best Practices for Implementation

- Choose the right AI tools match features to your meeting types
- Ensure data privacy and compliance especially in academic settings
- Train staff on how to use and review AI-generated minutes
- Establish review protocols human oversight remains essential
- Integrate with existing systems LMS, email, task managers







In Conclusion:

Al is not replacing administrators—it's empowering you

Embrace the tools to focus on strategic tasks, not transcription

The future of administration is smart, efficient, and Al-enhanced





Thank you for listening!



