Improvements for Future Videos :

1. **Real-World Case Studies**: It would be great to see more examples of businesses using data analytics to tackle real challenges. Hearing about actual success stories can make the concepts feel more relevant.
2. **Hands-On Tutorials**: How about including step-by-step guides or live demos of popular data analytics tools? Seeing how things work in action can really help solidify the learning.
3. **Interactive Elements**: Adding quizzes or interactive segments would be fun! It could keep viewers engaged and help them test their understanding as they go along.
4. **Expert Interviews**: Featuring interviews with industry professionals could provide valuable insights. Hearing their experiences and tips would really enrich the content.
5. **Visual Aids**: Using more infographics and visuals would make the material easier to digest. People often grasp complex ideas better when they can see them represented visually.

Additional Topics to Consider:

1. **Data Ethics and Privacy**: It'd be useful to dive into the ethical side of data collection and usage—things like privacy laws and how to handle sensitive data responsibly.
2. **Data Visualization Techniques**: Exploring different ways to visualize data would be super helpful. Learning how to present findings effectively can make a huge difference.
3. **Predictive Analytics**: Introducing predictive analytics concepts could be fascinating. Understanding how to build and use predictive models can really enhance decision-making.
4. **Machine Learning Basics**: A basic overview of machine learning and its relevance to data analytics would be awesome. It could open up a whole new world for learners!
5. **Data Governance**: Discussing the importance of data governance, like ensuring data quality and management, would give a solid foundation for understanding how to handle data properly.
6. **AI in Business Analytics**: Exploring how AI can boost data analytics processes would be really timely. It's such a hot topic right now!
7. **Industry-Specific Analytics**: Offering insights into how data analytics is applied in different fields—like healthcare, finance, or retail—would show learners how to apply their skills in various contexts.

Real-World Case Studies & Applications: The information would be more applicable for business learners if it included additional examples from the industry, such as how companies use AI for fraud detection, consumer segmentation, and predictive analytics.

Practical Demonstrations & Tools: By offering practical insights, presenting actual data analytics tools (such as Python, Power BI, and Tableau) and walksthroughs of AI-driven decision-making procedures would improve learning.

Business Data Analytics has been a very informative course so far. I can't help but wonder if there are ways we can impliment some Artificial Intelligence to automate tasks related to Business Data Analytics. Maybe having a particular lesson on helpful tools that can help make you more efficient would be helpful.

Improvements or additional topics i would suggest for future videos to make them useful gor learners in businedd sata analytics would be videos talking about the Cover how businesses should prepare for the next wave of AI innovations, ensuring their workforce stays competitive so as to educate learners on how to use AI effectively in their businesses so that they don't loose jobs and stay competetitive and make AI their partner.

Topics concerning computing data processing capability.

.Topics on cloud to personal storage as we advance business wise.

I feel like I would want to explore more on **chatbots** and **virtual assistants** powered by AI that assist in customer service and data queries, helping businesses improve operational efficiency.

1) Practical Demonstrations of AI and Data Tools

Make business analytics tools (such as Power BI, Tableau, and Python for data science) accessible to demonstrate the bridge between theory and practice.
Example: A video showing how AI models analyze customer sentiment from social media data.

2) Artificial Intelligence Business Intelligence

See how AI-powered analytics platforms help businesses optimize operations, engage customers, and market.
Example: How AI assists retailers in predicting demand and reducing inventory costs.

I would suggest adding more real-world case studies to show how businesses apply deep tech and computer vision in everyday operations. It would also be helpful to cover the ethical implications of AI more deeply, especially in data privacy and bias in analytics

Technical deep dives - Hands-on workshops or tutorial segments

Practical implementation strategies - More detailed case studies showing step-by-step implementation

The topic I would like to discuss is the possibility of developing a system in which AI can do all the boring stuff, while human tasks and education should be focused only on things that require totally human attention, even while using AI tools.

Also, how to survive in a world where change is the only constant, especially in the field of technology. How to keep learning, relearning, and unlearning without losing purpose at some point.

To make future videos about technology and business more useful for learners in business data analytics, I would suggest the following improvements and additional topics:

Improvements:

- **Focus on Practical Skills:** Business data analytics learners need practical skills. Videos should emphasize how to use the technologies being discussed. For example, instead of just explaining what a neural network is, the video could show how to use a cloud-based platform to build and deploy a simple neural network for a business task

Additional Topics:

- **The Future of Work in Data Analytics:** This could explore how automation and AI are changing the role of data analysts and what skills will be needed in the future.
- **Specific Industry Applications:** Videos could focus on how data analytics is used in specific industries, like healthcare, finance, or retail. This would make the content more relevant to learners with specific career interests.

Improvements:

- **More Concrete Examples:** While the historical overview is helpful, grounding concepts in more *current* and *specific* business scenarios would be beneficial. Show

how these evolving digital skills translate to real-world tasks in various industries (e.g., marketing, finance, operations).

- **Deeper Dives into Specific Tools:** Instead of just mentioning platforms, dedicate videos to exploring key tools relevant to business data analytics. Think Tableau, Power BI, SQL, Python (and related libraries like Pandas, NumPy, Scikit-learn), cloud platforms (AWS, Azure, GCP), etc. Even introductory tutorials would be valuable.
- **Focus on the "Why" beyond the "What":** Explain *why* these skills are important for business success. Connect the technical skills to business outcomes, like improved decision-making, increased efficiency, competitive advantage, and innovation. Show how data analytics helps solve real business problems.
- **Practical Exercises and Case Studies:** Incorporate short exercises or mini-case studies that learners can work through to apply the concepts discussed. This hands-on element would significantly enhance learning and retention.
- **Guest Speakers from Industry:** Featuring professionals working in data analytics roles would provide valuable insights into the day-to-day realities of the field and the skills employers are looking for.
- **Clear Learning Objectives:** Start each video by clearly stating the learning objectives. What will viewers be able to do or understand after watching? This helps learners focus their attention and track their progress.
- **Shorter, Focused Segments:** Break down longer topics into shorter, more digestible segments. This makes it easier for learners to absorb information and revisit specific concepts as needed.

Additional Topics:

- **Data Visualization Best Practices:** A crucial skill for data analysts is communicating insights effectively. A video on data visualization principles and best practices would be very helpful.
- **Data Ethics and Privacy:** With increasing concerns about data privacy, a video dedicated to ethical considerations in data analytics is essential. This should cover topics like data security, bias detection, and responsible data handling.
- **The Analytics Process from Start to Finish:** A video that walks through the entire data analytics process, from defining the problem to presenting the findings, would provide a valuable framework for learners.
- **Emerging Trends in Data Analytics:** Cover topics like machine learning, deep learning, AI in business, and big data analytics to prepare learners for the future of the field.

- **Career Paths in Data Analytics:** A video exploring the different roles and career paths in data analytics, along with the skills and qualifications required for each, would be beneficial for those looking to enter the field.
- **Soft Skills for Data Analysts:** Beyond technical skills, soft skills like communication, teamwork, and problem-solving are crucial for success. A video addressing these soft skills would be a valuable addition.

By incorporating these improvements and additional topics, future videos can become even more effective tools for learners in business data analytics, equipping them with the knowledge and skills they need to succeed in this rapidly growing field.

Improvements:

- **More real-world business cases:** While the videos introduce concepts, future videos could benefit from more in-depth case studies showcasing how these technologies are applied in real business settings. For example, how computer vision is used in retail inventory management, or how LLMs are used for customer service automation. Quantifiable results (e.g., cost savings, efficiency gains) would be very impactful.
- **Hands-on demonstrations/tutorials:** Especially for topics like digital skills and deep tech, brief demonstrations or tutorials of tools and techniques would be extremely valuable. Even short coding examples, data visualization walkthroughs, or explanations of specific software platforms would enhance learning.
- **Deeper dives into specific industries:** Tailoring content to specific industries (e.g., finance, healthcare, manufacturing) would make the information more relevant and applicable for learners. For example, how are LLMs specifically impacting the financial industry?
- **Discussions of challenges and limitations:** While showcasing the potential of these technologies is important, acknowledging their limitations and the challenges associated with implementation is crucial for a balanced perspective. For example, what are the data privacy concerns related to computer vision in public spaces? What are the limitations of current LLMs?
- **Interactive elements:** Incorporating quizzes, polls, or discussion prompts can increase engagement and reinforce learning.

Additional Topics:

- **Data storytelling:** This is a critical skill for business data analysts. Videos could cover techniques for effectively communicating insights from data using narratives and visualizations.
- **Data ethics beyond AI:** While Responsible AI is important, broader data ethics considerations, such as data privacy, security, and bias in data collection and analysis, should be addressed.
- **Cloud computing for data analytics:** Given the increasing reliance on cloud platforms for data storage and processing, videos on cloud-based data analytics tools and services would be highly relevant.
- **Data governance:** Understanding how to manage and control data within an organization is essential. Videos on data governance frameworks and best practices would be valuable.
- **The intersection of different technologies:** Exploring how different technologies, such as AI, cloud computing, and IoT, are converging to create new opportunities and challenges in business analytics would be insightful.
- **The future of work in data analytics:** Discussions about how these technologies are changing the role of data analysts and the skills that will be needed in the future would be beneficial for learners.
- **Building a data-driven culture:** This topic would explore how organizations can foster a culture that values data and uses it effectively to make decisions.
- **Data visualization best practices:** A deep dive into creating effective and informative visualizations is crucial for communicating insights clearly.

For future videos, I would suggest:

1. **Case Studies**: Include real-world examples of businesses using AI and deep tech.
2. **Hands-On Tutorials**: Provide practical exercises for analyzing data or building models.
3. **Ethical Frameworks**: Discuss frameworks for ethical decision-making in AI.
4. **Industry Trends**: Cover emerging trends like quantum computing or edge AI.
5. **Interviews with Experts**: Feature insights from industry leaders or data scientists.

Real-World Case Studies & Industry Application

Hands-on Demonstrations of Data Analytics Tools

Ethical Data Use & Privacy Regulations

AI and Predictive Analytics in Business

1.Quantum computing ..as this may help students understand how quantum supremacy solve problems where classical computers cannot solve

2Real time data processing topics

To make future videos more useful for learners in business data analytics, consider these improvements:

1. **Case Studies**: Include real-world examples of how businesses use data analytics to solve problems or drive decisions.
2. **Tools & Techniques**: Provide tutorials or overviews of popular analytics tools (e.g., Python, R, Tableau) and techniques (e.g., predictive modeling, data visualization).
3. **Data Ethics**: Expand on ethical considerations in data collection, analysis, and usage.
4. **Industry Trends**: Cover emerging trends like AI-driven analytics, big data, and IoT integration in business.
5. **Practical Exercises**: Add hands-on exercises or datasets for learners to practice and apply concepts

More Real-World Case Studies: Including practical examples of how AI and deep tech are applied in business analytics would make the content more relatable.

Interactive Visualizations: Using data-driven animations or dashboards to demonstrate AI and analytics concepts in action.

Step-by-Step Demos: Showing how tools like Python, SQL, or Power BI are used in business analytics for tasks like forecasting, trend analysis, and decision-making.

Firstly, incorporating interactive elements such as quizzes or polls can significantly engage viewers and reinforce their learning experience. This approach not only makes the content more dynamic but also encourages active participation, allowing learners to assess their understanding in real-time. Additionally, utilizing real-world case studies from successful businesses can provide practical applications of the concepts discussed. By illustrating theories with tangible examples, learners can better grasp the relevance and impact of the material in real business scenarios.

In terms of additional topics, focusing on digital marketing strategies is essential in today's business landscape. This includes exploring techniques such as search engine optimization (SEO), social media marketing, and content marketing, which are crucial for businesses looking to enhance their online presence. Furthermore, addressing financial literacy is vital for small business owners and aspiring entrepreneurs. Covering topics like budgeting, understanding financial statements, and investment strategies equips learners with the necessary skills to manage their finances effectively and make informed decisions.

For future videos on **business data analytics**, i would suggest:

Real-World Case Studies: Show how businesses are actually using these skills to solve problems.

Hands-on Tutorials: Teach how to use popular tools like Excel or Python for data analysis.

Ethics in Analytics: Dive deeper into privacy, data bias, and fairness, especially in AI.

AI in Business Strategy: Explain how AI is changing business decision-making.

Emerging Tech: Touch on new trends like quantum computing or edge computing in data analytics.

1. Applications & Case Studies from the Real World
Showcase the applications of AI, computer vision, and deep tech in business analytics (such as demand forecasting, fraud detection, and customer sentiment analysis).
Incorporate success stories from businesses that use data analytics powered by AI.

2. New Developments in AI-Powered Analytics
Examine how business intelligence is affected by generative AI (e.g., ChatGPT for data analysis, automated report production).

The videos should include tutorials to invoke new skills to the learners of business data analytics like using R .

At the end of every video there could be a small test or survey to test the learners on what they have understood or learnt in the videos.

I feel like the above videos were based more on theory while giving real-life examples but a potential video showing the business analytic concept, like a live demonstration, in my opinion would go a long way, like how companies use analytics to predict market trends and the like.

- Real-World Case Studies – Include more business-focused examples of how AI and digital skills impact industries like finance, marketing, and supply chain management.
- Hands-On Data Analysis Demos – Show practical applications of data analytics tools to help learners bridge theory with practice.
- AI Ethics in Business – Expand on how companies can implement responsible AI policies, ensuring fairness and compliance in data-driven decision-making.
- Predictive Analytics & Trends – Cover emerging technologies like AI-driven forecasting and business intelligence to help learners stay ahead in analytics.
- Industry Expert Insights – Feature interviews with data scientists, business analysts, and AI leaders to provide real-world perspectives on AI and data-driven strategies.

Integration of Data Analytics into Business Strategy: This is the point where video content can be formed on a range of topics that would feed young aspirants to understand how data analytics integrates with the business strategy, change management, overcoming resistance to adoption, etc.

Data-Driven Decision-Making: All such topics relate to how well-informed decisions on business issues can be arrived at through a study of data analysis the candidate will be better positioned to understand the practical application of analytics in strategy development.

1. *Enhancements to existing videos Additional practical business case studies -*

While the existing films provide useful insights, including additional real-world business uses of AI and deep tech would make the information more relevant to business analysts.
Instead than just discussing AI bias theoretically, demonstrate how organizations such as Amazon and Google have reduced prejudice in recruiting and recommendation algorithms.
2.*Hands-on demonstrations of AI and data tools.*

Walkthroughs of business analytics technologies (such as Power BI, Tableau, and Python for data science) can help to bridge the gap between theory and reality.
A movie demonstrating how AI models analyze customer sentiment from social media data.

3.*Simplifying Complex Concepts* –

Some topics, such as deep tech and quantum computing, could be discussed via interactive visualizations or step-by-step breakdowns to make them more accessible to non-technical business students.
Consider a comparison of traditional and AI-driven forecasting methods in business analytics.
More discussion about ethical AI in business -

Expand on the responsible AI video by exploring how firms manage AI ethics in fraud detection, credit scoring, and automated decision-making.
For example, consider how banks maintain impartiality while assessing loan applications using AI.

Improvements - more practical case studies including real world business applications of AI, LLMS etc. Interactive data visualization by using dynamic charts and dashboards, Hands on tutorials step by step guides on using AI tools, Industry exoert interviews and lastly ethical decision making scenarios

Additional topics - AI business forecasting, big data and cloud computing, AI powered decision support systems, fraud detection and cyber security analytics an customer insight and sentiment analysis

Improvements would include real world case studies,hands-on demonstartions and simplifying complex concepts and some additional topics would include Ai in automation and business intelligence and business analytic tools

Real world cases to apply more relevance of concepts to humans.

Interactive elements to engage learners more.

More Real-World Case Studies: Including real-life applications of AI, computer vision, and digital skills in business settings would help learners connect concepts to industry challenges.

Additional topics for future videos

1. AI in Business Analytics
2. Data Ethics & Privacy
3. Big Data & Cloud Computing

- Marketing analytics - this helps in to understand the customer behavior and also analyze the campaign effectiveness.
- Ethics in data anlytics
- Cloud computing for analytics

1. **Practical Case Studies and Hands-On Tutorials**: Incorporate real-world case studies that demonstrate successful data analytics implementations across various industries, along with hands-on tutorials on using popular analytics tools (e.g., Python, R, Tableau). This combination would help learners apply theoretical knowledge to practical scenarios.
2. **Ethics and Emerging Trends**: Expand discussions on ethical considerations, such as data privacy and algorithmic bias, to prepare learners for responsible data usage. Additionally, cover emerging trends and technologies in data analytics, like machine learning and big data, to keep learners informed about the latest developments in the field.

You can make an e-book where people can read and also case studies in order to learn more and understand

Real-World Case Studies: Include more examples of businesses using data analytics successfully. Show how they solved specific problems or improved their operations using data-driven decisions.

To make future videos more useful for learners in Business Data Analytics, I would suggest the following improvements and additional topics:

Real-World Case Studies – Including more examples of how AI, data analytics, and machine learning are used in real business scenarios, such as fraud detection, customer segmentation, and market forecasting.

Hands-On Data Analysis Demonstrations – Providing step-by-step tutorials on using tools like Python, SQL, Power BI, and Tableau for data-driven decision-making in business.

Ethical Data Usage & Bias Mitigation – Expanding on how businesses can ensure ethical AI implementation, reduce bias in data analytics, and comply with data privacy regulations like GDPR.

Emerging Trends in Data Analytics – Covering advanced topics like predictive analytics, AI-driven automation, and the impact of deep learning on business intelligence.

Industry-Specific Applications – Creating videos tailored to different industries (e.g., finance, healthcare, marketing) to show how data analytics is transforming each sector.

I would suggest more real-world case studies which include detailed examples of how companies like Amazon and Netflix use AI and analytics. Also their should be more hands-on demonstrations to show practical applications using tools like Tableau, Power BI, or Python.

Future videos could be improved by adding real-world case studies, hands-on demos, and industry-specific insights. Topics like bias mitigation in AI, customer analytics, data privacy, and emerging trends would make them more useful for business data analytics learners.

Additional Real-World Case Studies: Include business case studies that illustrate how deep tech, AI, and computer vision influence choices in sectors like e-commerce, healthcare, and finance.

Under additional topics,

Automation & Augmented Analytics: Show how AI reduces manual labor while enhancing insights by automating data analysis.

Real world business case studies, interactive demonstrations of data analytics tools, and professional opinions on AI driven decision making could all be added to the videos to make them better.

1. More Real-World Case Studies in Business Analytics

- Incorporating **detailed case studies** on how AI and data analytics are used in industries like finance, marketing, and supply chain management would make the content more relevant.
- **Example:** A breakdown of how AI-driven forecasting improves inventory management in retail or how sentiment analysis helps brands gauge customer opinions.

2. Ethical AI in Business Decision-Making

- Expanding on **ethical AI considerations specific to business analytics**, such as bias in predictive hiring models or fairness in financial credit scoring.
- **Example:** A discussion on how businesses can ensure their AI models do not discriminate against certain customer demographics in lending decisions.

3. Addressing Common Challenges in AI Adoption

- Covering **barriers to AI implementation** in business, such as data privacy concerns, model deployment challenges, and organizational resistance to AI-driven decision-making.
- **Example:** A discussion on how businesses can overcome internal skepticism and successfully integrate AI into their analytics workflows.

Improvements for Existing Videos:

1 **Real-World Case Studies**:

Include examples of how organizations have successfully (or poorly) used AI, computer vision, or digital skills.

A case study demonstrating how Netflix leverages data analytics and AI to provide personalized suggestions.

2 **Focus on Business Applications**:

Emphasize how the technology or talent may be used to solve actual business problems.

For example, consider how computer vision is used in retail to control inventory and analyze customer behavior.

3 Interactive Elements:

Add quizzes, polls, or interactive scenarios to engage students and assess their comprehension.

Consider a quiz on recognizing biases in a dataset or evaluating visual data.

As business data analytics continues to shape decision-making, it is essential for learning materials to be practical, engaging, and aligned with industry needs. While the videos provide valuable insights into AI, deep tech, and responsible innovation, they could be even more impactful with real-world case studies, hands-on demonstrations, and industry-specific applications. Additionally, expanding the topics to include predictive analytics, data security, and AI-powered business intelligence tools would further enhance their relevance for business professionals. Below are key suggestions for improving future videos to better support learners in business data analytics.

Improvements:

i. More Real-World Case Studies - Show how companies successfully use AI, computer vision, and deep tech in business decision-making.

ii. Interactive Data Visualizations - Use dynamic graphs and real-world datasets to illustrate trends and insights.

iii. Hands-On Demos & Tutorials - Provide step-by-step guides on how to apply AI tools for data analysis, forecasting, and automation.

iv. Industry-Specific Applications -Explore how business data analytics impacts sectors like finance, telecom, healthcare, and e-commerce.

v. Challenges & Ethical Considerations – Discuss common pitfalls in data analytics, such as biased models, data privacy concerns, and misleading visualizations.

Additional Topics:

i. Predictive Analytics & AI in Business - How AI-driven models forecast trends and improve decision-making.

ii. Data Cleaning & Preprocessing -Best practices for ensuring data accuracy and reliability in analytics.

iii. Big Data & Cloud Computing -How businesses leverage large-scale data processing for competitive advantage.

iv. AI-Powered Business Intelligence Tools -A deep dive into tools like Power BI, Tableau, and Google Analytics.

v. Cybersecurity & Data Protection -The role of data governance and compliance in protecting business insights

1.Real-World Case Studies & Applications – Including more industry-specific examples, such as how businesses use AI for predictive analytics, customer segmentation, and fraud detection, would make the content more practical for business learners.

2.Hands-On Demonstrations & Tools – Showcasing real data analytics tools and walkthroughs of AI-driven decision-making processes would enhance learning by providing actionable insights.

Recommendations for Future Business Data Analytics Videos: Enhancements and New Subjects

I would recommend the following changes and other subjects to make the videos more beneficial for students studying business data analytics:

Enhancements to Current Videos:

More Real-World Case Studies: Giving students real-world examples of how AI, computer vision, and digital skills are used in fields like supply chain management, marketing, and finance would enable them to see the direct effects of these technologies.

Interactive learning would be enhanced by hands-on demonstrations and brief lessons on how to use data analytics tools (such as Python, Power BI, and Tableau) to examine trends in digital skills, AI ethics, or deep tech advancements.

Industry Expert Insights: By relating theories to actual real-world business problems, the inclusion of perspectives from data scientists, business executives, and AI ethicists would provide depth.

Evaluation of Various AI Models It would be easier for students to comprehend whether tools are appropriate for various situations if the advantages and disadvantages of LLMs, computer vision, and deep learning models for business analytics were explained.

Additional Topics for Future Videos:

Business Decision-Making Based on Data How companies use AI-driven insights, machine learning, and predictive analytics to enhance decision-making and streamline operations.

AI in Business Forecasting & Risk Analysis: Examining how real-world datasets can be utilized to forecast consumer behavior, market trends, and business dangers.

Business Analytics and Ethical AI a more thorough examination of how AI ethics affect corporate accountability, data protection, and customer trust in data-driven enterprises.

The fields of big data and business intelligence deal with how businesses analyze, store, and visualize vast amounts of data in order to make strategic decisions.

AI-Driven Process Automation: Showing how AI-powered automation solutions (such as chatbots, RPA, and AI-powered CRM systems) simplify company operations.

These additions would provide learners with practical knowledge and technical skills to navigate the evolving landscape of business data analytics while understanding the ethical, technical, and strategic implications of AI and deep tech.

To make future videos even more useful for learners in business data analytics, I suggest the following improvements and additional topics:

Improvements:

- **More Practical Examples and Case Studies:** While conceptual understanding is important, learners benefit greatly from seeing how these concepts are applied in

real-world business scenarios. Include more case studies showcasing how the discussed technologies and skills are used to solve specific business problems.

- **Hands-on Demonstrations:** Where possible, incorporate short demonstrations of tools or techniques. For example, in a video about data literacy, show how to identify bias in a dataset or visualize data using a specific software.
- **Interactive Elements:** Consider adding quizzes, polls, or discussion prompts throughout the videos to engage learners and reinforce key concepts. This could be as simple as pausing the video and asking a question for viewers to ponder before revealing the answer.
- **Clear Learning Objectives:** Start each video by clearly stating the learning objectives. This helps learners focus their attention and understand what they are expected to gain from the video.
- **Structured Content with Summaries:** Break down complex topics into smaller, digestible segments with clear headings and subheadings. Conclude each segment and the video as a whole with a concise summary of key takeaways.
- **Supplementary Resources:** Provide links to relevant articles, datasets, tools, or further reading materials in the video description. This allows learners to delve deeper into topics that interest them.
- **Diverse Perspectives:** Invite guest speakers from different backgrounds and industries to share their experiences and insights. This can provide learners with a broader understanding of the applications of data analytics in different contexts.

Additional Topics:

- **Data Storytelling:** This crucial skill involves communicating insights from data in a compelling and persuasive way. Cover techniques for creating effective visualizations, crafting narratives, and presenting findings to stakeholders.
- **Data Ethics and Privacy:** Explore the ethical considerations surrounding data collection, storage, and use. Discuss data privacy regulations (e.g., GDPR) and best practices for responsible data handling.
- **Cloud Computing for Data Analytics:** Introduce learners to cloud platforms like AWS, Azure, or GCP and how they are used for data storage, processing, and analysis.
- **Big Data Technologies:** Cover technologies like Hadoop and Spark for handling and analyzing large datasets.
- **Data Visualization Best Practices:** Go beyond basic charting and explore advanced visualization techniques for effectively communicating complex data insights.

- **Specific Industry Applications:** Create videos focusing on how data analytics is applied in specific industries, such as healthcare, finance, or marketing.
- **The Data Analytics Workflow:** Provide a comprehensive overview of the data analytics process, from problem definition and data collection to model building and deployment.
- **Emerging Trends in Data Analytics:** Discuss emerging trends like AI, machine learning, and deep learning and their impact on business data analytics.
- **Data Governance:** Explain the importance of data governance and how it ensures data quality, consistency, and security.

Additionally, I wuld suggest including topics on how to apply AI and deep tech in buisness analytics, such as using machine learning algorithms for predictive analyisis or how computer vison can be utilized in data analysis for better decision making. It would also be useful to dive deeper into real-world case studies that showcase succesful implementation of these technologies in business environments.

Another area for improvement could be explaing more about the limitations of AI in business data analytics. Understanding the risks, such as bias in decision-making or the potential for overreliance on automation, could help learners understand both the advantages and drawbacks of using these tools in business.

Maybe on the future trends of computers and technology .

To improve future videos for business data analytics learners, adding real-world case studies and hands-on demos would make concepts more practical. Simplifying complex topics, incorporating industry expert insights, and using more business-oriented examples would also enhance understanding. Additionally, videos could provide step-by-step tool demonstrations (e.g., Power BI, Python, SQL) to help learners apply data analytics skills in real scenarios.

New topics like Big Data in Business Strategy, Predictive Analytics, and Data Visualization Best Practices would make the content more relevant. Covering AI in Marketing and Customer Analytics and Ethics in Data Analytics would help learners understand both opportunities and challenges in the field. These improvements would ensure a better balance between technical skills and business applications, making the videos more engaging and useful.

use real life examples to explain topics better- instead of saying AI helps businesses they should show how a company like amazon uses AI to recommend products

show how businesses use AI, computer vision, and deep tech- the video could actually exp[lain how companies use these technologies like how banks use AI detect fraud

To improve future videos for business data analytics learners, enhancements such as real-world case studies, hands-on demonstrations, data ethics discussions, industry-specific insights, and expert interviews would be beneficial.

Additionally, new topics like data-driven decision-making, bias in analytics, predictive analytics, explainable AI, and AI-driven automation in business intelligence would provide deeper insights. These improvements would make the content more practical, engaging, and relevant for professionals in the field.

- Real-world case studies on AI and business integration.
- Hands-on examples of digital tools used in business analytic

For business data analytics learners to truly excel, focus should extend beyond technical analysis to encompass key communication and application skills. Specifically, three critical areas deserve attention:

1. Mastering Data Visualization: Learners need to move beyond simply knowing chart types to understanding how visuals effectively communicate data. The focus should be on translating raw data into *clear and impactful visual presentations*, considering visual perception and best practices for data communication. This is about building the foundational skill of presenting data clearly and accurately.

2. Developing Data Storytelling: Data analysts must learn to craft persuasive narratives from data, not just present charts. This involves understanding narrative structure and adapting communication for business audiences. The key is developing the *soft skill of persuasive communication* using data to inform and influence.

3. Understanding Data-Driven Decision Making: Learners should grasp *why* business analytics is valuable by seeing how data informs real-world business decisions across departments. Case studies can illustrate the practical application of data analysis in driving

strategic and operational improvements. This emphasizes the *business value and context* of data analytics, ensuring learners understand its purpose beyond technical processes.

IMPROVEMENTS

1. Practical Examples of Case Studies:

Incorporate actual instances of how companies have effectively (or ineffectively) executed data analytics solutions.

A detailed examination of how a retail business employed predictive analytics to enhance inventory control.

2. Practical Tutorials:

Offer detailed tutorials that guide users through popular data analytics tools (such as Python, R, Tableau, Power BI) aimed at addressing business challenges.

A guide for creating a dashboard in Power BI to display sales information.

3.Dynamic Features:

Include quizzes, polls, or interactive activities to captivate learners and strengthen essential concepts.

A test focused on understanding data graphics or detecting biases within datasets.

1. More Practical, Business-Focused Examples:

- **Case Studies:** Instead of just theoretical examples, include real-world case studies of businesses using LLMs, computer vision, or other Deep Tech to solve specific problems. Show how these technologies impact KPIs, decision-making, and overall business strategy.
- **Data Analytics Workflows:** Demonstrate how these technologies integrate into typical data analytics workflows. For example, show how LLMs can automate data cleaning or how computer vision can be used for market research through image analysis.

- **ROI and Business Value:** Focus more on the return on investment (ROI) and business value of implementing these technologies. Discuss how to measure the impact of AI-driven analytics and how to justify investments in these areas.

2. Deeper Dives into Specific Techniques:

- **Hands-on Demonstrations:** Include more hands-on demonstrations of specific techniques, such as fine-tuning LLMs for sentiment analysis or using computer vision for object detection in product images.
- **Code Snippets and Tools:** Provide code snippets and examples of tools that data analysts can use to implement these technologies. This would make the videos more practical and actionable.
- **Data Visualization and Storytelling:** Show how to use AI-generated insights to create compelling data visualizations and tell impactful stories that resonate with business stakeholders.

3. Addressing Key Challenges and Risks:

- **Data Governance and Privacy:** Expand on the discussion of data governance and privacy, particularly in the context of AI-driven analytics. Discuss best practices for ensuring data security and compliance with regulations.
- **Model Explainability and Interpretability:** Deepen the discussion of model explainability and interpretability, which are crucial for building trust in AI-driven insights. Show how to use techniques like SHAP or LIME to explain model predictions.
- **Bias Mitigation Techniques:** Provide more practical guidance on how to identify and mitigate bias in data and AI models. Include examples of specific techniques that data analysts can use.
- **Change Management and Adoption:** Discuss the challenges of implementing AI-driven analytics in organizations and provide strategies for change management and adoption.

4. Expanding on Emerging Trends:

- **Generative AI for Data Analysis:** Explore the use of generative AI for tasks like data augmentation, synthetic data generation, and automated report generation.
- **AI-Powered Automation:** Discuss how AI can automate routine data analytics tasks, freeing up analysts to focus on more strategic work.
- **The Future of Data Analytics:** Provide insights into the future of data analytics and how AI is transforming the field.

5. Enhanced Learning Experience:

- **Interactive Quizzes and Exercises:** Include interactive quizzes and exercises to reinforce learning and test comprehension.
- **Downloadable Resources:** Provide downloadable resources, such as code samples, datasets, and templates, to support hands-on learning.
- **Community Forums:** Create online community forums where learners can ask questions, share insights, and collaborate with each other.

For future videos, I'd suggest adding more content on **real-world case studies** of businesses using data analytics to solve specific problems.

1. Practical Case Studies on Business Applications
2. Ethical and Bias Considerations in Computer Vision
3. Integration of Computer Vision with Other Business Analytics Tools
4. Hands-on Demonstrations or Tutorials
5. Future Trends in Computer Vision for Business

Perhaps a few case studies to show real world applications of AI and data analytics, as well as eem

I would suggest adding a video on the topic of the effects of AI in government institutions and how technology has been adapted to be used by the government.

1 Real-World Case Studies – Providing examples of how companies successfully implement AI-driven analytics to improve decision-making, optimize operations, and enhance customer experiences.

2. Hands-On Demonstrations – Including practical walkthroughs of data analytics tools like Python, SQL, Power BI, or Tableau to help learners apply AI concepts in real-world scenarios.

3. Ethical AI and Bias Mitigation – Exploring strategies to reduce bias in AI models and discussing the ethical challenges of using AI in business decision-making.

4. Predictive and Prescriptive Analytics – Covering how AI can be used for forecasting trends, customer behavior, and risk management in business settings.

5. Data Governance and Security – Highlighting best practices for handling sensitive business data, ensuring compliance, and maintaining data integrity

The improvements or additional topics that i will suggest are:

Having more pratical examples and case studies on how business are using computer vision like mentioning a specific company that is using the computer vision tool.

The topic of real time computer vision that explore video analytics and object tracking techniques and problems.Also the model evaluation techniques that explains how computer vision performance is calculated.

- **Practical Applications of AI in Business Analytics**
    - Show **real-world case studies** of how businesses use AI for **forecasting, customer insights, and risk analysis**.
    - Include **demonstrations** of tools like **Tableau, Power BI, or Python-based analytics**.
- **Ethical AI & Bias Detection in Data Analytics**
    - Teach how to **identify and mitigate bias** in datasets to improve **fair decision-making**.
    - Discuss regulatory requirements like **GDPR and AI ethics frameworks** in business.
- **Deep Tech's Role in Big Data & AI-Driven Decision Making**
    - Explain how **Quantum Computing, Edge AI, and Blockchain** are transforming **data security, analytics speed, and automation**.
- **Interpreting AI-Generated Insights**
    - Teach how to **critically evaluate AI-driven reports** rather than blindly trusting predictions.
    - Explain **common pitfalls** in business analytics, such as **data misinterpretation or overfitting models**.

- **Hands-on Tutorials & Industry Insights**
    - Short tutorials on **data visualization, predictive analytics, and NLP for business insights**.
    - Interviews with **industry experts** discussing trends in **business intelligence and AI-driven analytics**.

I would suggest the topic ; How social media data is leveraged by tech companies.

Topics with more real-world applications

Big Data

Fraud detection using AI

1. **Real-World Case Studies** – Including more in-depth case studies on how businesses successfully implement AI, computer vision, or DeepTech to solve real problems would provide practical insights.
2. **Data Ethics and Bias Mitigation** – Given the concerns around AI ethics and bias, a deeper dive into how businesses can detect, measure, and mitigate bias in their data models would be valuable.
3. **Practical Applications of Analytics** – A video showcasing how data analytics is used in different industries (e.g., finance, healthcare, retail) with real-world datasets would help bridge the gap between theory and practice.

I would have no improvements to suggest at the moment. The videos were very insightful.

-introduce industry specific examples that students can impement

For subsequent videos, it would be immensely helpful to incorporate additional case studies involving real-life application of artificial intelligence where one could discuss the various regulatory frameworks that have a profound impact on AI technologies and digital skill development. Also, the inclusion of hands-on examples demonstrating the manner in which

one could effectively fact-check AI system assertions would be immensely practical for the audience. The addition of these elements would not only provide practical hands-on knowledge but also enhance the general applicability of the content to students pursuing knowledge in the field of business data analytics.

Hands-On Tutorials with Popular Tools

Step-by-step guides usin**g** Excel, SQL, Python, and Power BI. Walkthroughs of data cleaning, visualization, and predictive modeling. Demonstrations on using machine learning for business decisions (e.g., churn prediction, fraud detection).

Data Storytelling & Communication Skills

How to create effective dashboards and reports. Best practices for presenting insights to executives. How to craft a compelling data-driven business narrative.

Advanced Analytics Techniques

A/B Testing & Experimentation in business. Time Series Forecasting for sales and demand prediction and Sentiment Analysis & NLP for customer feedback.

Industry Trends & Emerging Technologies

The impact of AI and automation in analytics. How Big Data & Cloud Computing are shaping business intelligence. Ethical concerns in data analytics (bias, privacy, responsible AI).

Career Guidance & Skill Development

How to build a career roadmap in business analytics. Key certifications and courses to enhance employability. Interview tips and resume-building strategies for analytics roles.

how to program ai to get suitable answers

how to balance ai and Human activity

While the current videos highlight many technological concepts, diving deeper into practical applications of AI for predictive analytics in business contexts (like customer behavior forecasting, demand prediction, etc.) would be very insightful for learners who want to apply these technologies to real-world scenarios.

- You could increase the variety in videos so that it's not just one creator being listened to, this way, learners can be able to get perspectives from different people.
- You could add videos on how technology directly and indirectly affects the business world.

You can add more real world case studies to help us relate more.

Predictive Analytics & AI Integration - shows how businesses use AI to predic trends.

Data Storytelling & Communication – how to present insights effectively to stakeholders.

(ii) Were there any subjects that made you question your knowledge of business and technology?

Indeed, Deep Tech pushed my knowledge, particularly in cutting-edge areas like artificial intelligence (AI)-driven automation, quantum computing, and synthetic biology.

(iii) What more subjects or enhancements would you recommend for upcoming videos?

A video about cybersecurity and data privacy that discusses how companies should manage customer information.

A thorough examination of AI regulation and policy, covering ethical AI regulations, compliance standards, and governance.

Integrating Blockchain and AI: Examining practical uses outside of cryptocurrency

I would suggest more real-world case studies which include detailed examples of how companies like Amazon and Netflix use AI and analytics. Also their shoul be more hands-on demonstrations to show practical applications using tools like Tableau, Power BI, or Python.

Some improvements for Hamid Nach that I would suggest is including more case studies and industry specific examples to make the data more relevant for business analysts, because he mainly focuses on tech. I would also suggest he tries to give some hands on demonstrations for the technology he discusses, for example, computer vision, which would help make his videos less theory based.

As for topics, maybe he could make a video discussing the ethics of AI in business, or a video comparing cloud and edge computing. Overall, he makes good videos though

1. Real-world case studies demonstrating how data analytics drives decision-making in various industries.

2. Practical data visualization techniques teaching effective ways to interpret and present data.

3. AI and automation in business analytics explaining how AI-powered analytics tools streamline processes, detect trends, and enhance predictive modelling.

4. Data ethics and compliance covering legal and ethical considerations in data collection, privacy, and security.

5. Hands-on tutorials and demos providing step-by-step guides on data cleaning, analysis, and modelling using real datasets.

6. Emerging trends in business analytics discussing the latest advancements in big data, cloud computing, and blockchain applications in analytics.

Improvements to Existing Content

Real-World Business Case Studies – Show how AI and data analytics solve actual business problems (e.g., fraud detection, customer segmentation, demand forecasting).

Hands-on Demonstrations – Interactive coding sessions or tutorials using Python, SQL, or Power BI for data analysis.

Industry-Specific Applications – Cover analytics in different industries like finance, healthcare, retail, and marketing to make learning more relevant.

Additional Topics for Future Videos

AI-Powered Business Intelligence – How companies use AI for predictive analytics and decision-making.

Big Data Processing – Introduction to Hadoop, Spark, and cloud-based analytics platforms.

Natural Language Processing (NLP) for Business – How NLP is used in customer feedback analysis, sentiment analysis, and chatbots.

Deep Learning for Business Forecasting – Applications of deep learning in sales forecasting, supply chain optimization, and risk assessment.

Real-World Case Studies & Applications – Including more case studies on how businesses successfully leverage AI, deep tech, and data analytics for decision-making would make the content more practical.

Hands-on Demonstrations – Adding interactive segments or tutorials on data visualization, predictive modeling, or ethical AI frameworks would help learners apply concepts directly to business analytics.

1. More practical examples and case studies on business data analytics

2. Give such exercies 2 or 3 weeks before the exam

For future business data analytics videos, I'd suggest adding real logistics examples like how companies use data to optimize delivery routes or reduce shipping costs to show practical applications. Explaining tools that predict delays using traffic/weather data or ethical issues (e.g., balancing AI efficiency with fair wages for drivers) would make lessons relatable.

They could also cover blockchain for tracking goods, AI-powered warehouse robots, and analytics for greener shipping. This would help learners like you tackle real-world logistics challenges with data skills.

Real world examples of how business data analytics has been used and its benefits to the organisation
Videos on how different business anayltic tools are being used and tutorials on the same

The future of AI and the consequences of its rapid development

These are the new topics I would suggest and which i personally find quite interesting:

- **Big Data & Cloud Computing in Business**
    - How businesses leverage cloud-based analytics
    - Introduction to Big Data tools like Hadoop
    - Real-world applications of Big Data in decision-making
- **AI & Machine Learning in Business Forecasting**
    - Predictive analytics for sales and demand forecasting

- ML techniques like regression, classification, and clustering in business
- Challenges in AI adoption for business analytics