**Prompt 1: Get conversation type for each Field**

You are a domain expert and conversation designer.

Your task is to generate realistic and diverse types of conversations that typically occur in the following fields:

Technology, Healthcare, Finance, and Legal.

✅ For each field, list up to 10 distinct conversation types.

✅ Aim to maximize overlap across fields wherever appropriate — for example, "Manager-Employee Performance Review" might occur in both Technology and Healthcare fields with field-specific nuances.

✅ A “type of conversation” is a unique interaction scenario between two or more roles — such as consultations, support calls, or internal reviews.

✅ Do not provide descriptions or examples — only list the titles of the conversation types.

📄 Format your response in the form of a JSON like this:

{“Technology”: [Conversation Type Title 1, Conversation Type Title 2, …, Conversation Type Title 10],

“Healthcare”: [Conversation Type Title 1, Conversation Type Title 2, …, Conversation Type Title 10],

…

}

Be thoughtful, creative, and consistent across domains. Avoid repetition within each field but highly encourage overlap across different fields when relevant.

Chatgpt Output

Output:

{

"Technology": [

"Project Kickoff Meeting",

"Technical Support Call",

"Performance Review",

"Product Launch Discussion",

"Incident Response Debrief",

"Code Review Meeting",

"System Upgrade Consultation",

"Client Onboarding Session",

"Team Collaboration Discussion",

"Stakeholder Alignment Meeting"

],

"Healthcare": [

"Patient Consultation",

"Doctor-Patient Follow-Up Appointment",

"Medical Case Review",

"Team Care Coordination Meeting",

"Healthcare Provider Performance Review",

"Patient Discharge Discussion",

"Patient Referral Consultation",

"Treatment Plan Discussion",

"Clinical Research Update Meeting",

"Emergency Response Debrief"

],

"Finance": [

"Investment Portfolio Review",

"Client Financial Consultation",

"Risk Management Assessment",

"Audit Discussion",

"Regulatory Compliance Review",

"Market Trend Analysis Meeting",

"Debt Recovery Consultation",

"Business Valuation Meeting",

"Mergers and Acquisitions Discussion",

“Credit Line Negotiation”

],

"Legal": [

"Client Legal Consultation",

"Contract Negotiation Meeting",

"Case Strategy Session",

"Legal Risk Assessment",

"Court Preparation Discussion",

"Settlement Negotiation",

"Intellectual Property Consultation",

"Regulatory Compliance Review",

"Litigation Update Meeting",

"Mediation or Arbitration Session"

]

}

**FINAL OUTPUT**

Gemini 2.5 pro output  
{

"Technology": [

"Technical Support Call (User-Agent)",

"Software Sales Demo (Sales Rep-Prospect)",

"Project Stand-up Meeting (Team)",

"Code Review Session (Engineers)",

"Product Roadmap Discussion (PM-Stakeholders)",

"User Feedback Interview (Researcher-User)",

"Manager-Engineer Performance Review",

"Security Incident Response Meeting",

"API Integration Consultation (Partner-Engineer)",

"Feature Prioritization Debate (Team)"

],

"Healthcare": [

"Doctor-Patient Consultation",

"Nurse Handoff Report (Nurse-Nurse)",

"Patient Appointment Scheduling Call (Admin-Patient)",

"Insurance Verification Call (Admin-Insurer)",

"Specialist Referral Discussion (Doctor-Doctor)",

"Interdisciplinary Care Team Meeting",

"Manager-Nurse Performance Review",

"Patient Support Line Call (Patient-Support Staff)",

"Treatment Plan Discussion (Doctor-Patient/Family)",

"HIPAA Compliance Audit Discussion"

],

"Finance": [

"Financial Advisor-Client Portfolio Review",

"Mortgage Application Consultation (Loan Officer-Applicant)",

"Banking Customer Service Call (Client-Agent)",

"Investment Strategy Pitch (Advisor-Client)",

"Internal Audit Review Meeting",

"Fraud Alert Call (Bank-Customer)",

"Manager-Analyst Performance Review",

"Regulatory Compliance Inquiry (Compliance Officer-Regulator)",

"Wealth Management Planning Session",

"Credit Line Negotiation (Banker-Business Client)"

],

"Legal": [

"Lawyer-Client Initial Consultation",

"Case Strategy Meeting (Legal Team)",

"Deposition Preparation Session (Lawyer-Client/Witness)",

"Settlement Negotiation Call (Lawyer-Opposing Counsel)",

"Document Review Session (Paralegal-Lawyer)",

"Client Case Status Update Call (Lawyer/Paralegal-Client)",

"Manager-Paralegal Performance Review",

"Discovery Request Conference (Opposing Counsel)",

"Expert Witness Interview (Lawyer-Expert)",

"Pro Bono Intake Interview (Lawyer/Volunteer-Client)"

] }

—----------------------------------------------------------------------------------------------------------------------------

**Prompt 2.1: Get topics for each Field and conversation type**

You are a domain expert and topic classifier designer.

Your task is to generate 10 specific discussion topics based on the provided:

Field : [Technology, Healthcare, Finance, Legal]

Type of Conversation : [Manager-Employee Performance Review, Client Onboarding, Compliance Check]

Each topic should represent a distinct point of discussion that may occur in that conversation. These will later be used as classification labels in conversation datasets.

✅ Ensure that the topics are granular enough to reflect real-world utterance categories.

✅ Do not include examples or descriptions — only list the topic titles.

📄 Format your output as follows:

Field: [Input Field]

Conversation Type: [Input Conversation Type]

Topics:

1. [Topic Title]

2. [Topic Title]

...

10. [Topic Title]

Be consistent, practical, and domain-aware. The topics should be immediately usable as annotation or classification labels.

We further asked it to combine all these topic list into a consolidated list of 20 topics which are applicable to most of the conversation types:

Question asked:

ChatGpt response:

**Generic Topics - Technology:**

1. Feature Functionality Clarification
2. Bug or Issue Reporting
3. Performance Concerns
4. Security and Privacy Discussion
5. Integration or Compatibility Inquiry
6. Roadmap or Future Plans
7. User Experience Feedback
8. Support and Escalation Process
9. Technical Documentation Reference
10. Testing and Validation Status
11. Change Request or Feature Suggestion
12. Onboarding or Training Needs
13. System Configuration Details
14. Licensing or Access Rights
15. Metrics or Analytics Review
16. Workflow or Process Optimization
17. Collaboration or Communication Gaps
18. Scalability and Infrastructure Planning
19. Compliance or Regulatory Concerns
20. Tool or Platform Comparison

**Type of Conversation Used:**

1. Project Kickoff Meeting
2. Technical Support Call
3. Performance Review
4. Product Launch Discussion
5. Incident Response Debrief
6. Code Review Meeting
7. System Upgrade Consultation
8. Client Onboarding Session
9. Team Collaboration Discussion
10. Stakeholder Alignment Meeting

**Generic Topics - Healthcare**

1. Medical History
2. Symptom Assessment
3. Test Results
4. Medication Review
5. Treatment Plan
6. Follow Up
7. Referral Coordination
8. Team Communication
9. Care Plan Update
10. Risk Assessment
11. Therapy Adherence
12. Patient Education
13. Documentation Review
14. Discharge Planning
15. Side Effects
16. Shared Decision
17. Diagnosis Communication
18. Care Barriers
19. Emergency Concerns
20. Support Services

**Type of Conversation Used:**

1. Patient Consultation
2. Doctor-Patient Follow-Up Appointment
3. Medical Case Review
4. Team Care Coordination Meeting
5. Healthcare Provider Performance Review
6. Patient Discharge Discussion
7. Patient Referral Consultation
8. Treatment Plan Discussion
9. Clinical Research Update Meeting
10. Emergency Response Debrief

**Generic Topics - Finance**

1. Financial Statement Analysis
2. Risk Tolerance Assessment
3. Regulatory Compliance Check
4. Creditworthiness Evaluation
5. Investment Performance Review
6. Cash Flow Management
7. Debt-to-Equity Ratio Assessment
8. Asset Allocation Strategy
9. Legal and Contractual Obligations
10. Tax Implication Review
11. Valuation Metrics Discussion
12. Market Conditions Impact
13. Liquidity Risk Evaluation
14. Forecasting and Projections
15. Internal Controls and Governance
16. Strategic Financial Planning
17. Interest Rate Impact Analysis
18. Negotiation of Financial Terms
19. Portfolio Diversification Review
20. Scenario and Sensitivity Analysis

**Type of Conversation Used:**

1. Investment Portfolio Review
2. Client Financial Consultation
3. Risk Management Assessment
4. Credit Line Negotiation
5. Audit Discussion
6. Regulatory Compliance Review
7. Market Trend Analysis Meeting
8. Debt Recovery Consultation
9. Business Valuation Meeting
10. Mergers and Acquisitions Discussion
11. Credit Line Negotiation

**Generic Topics - Legal**

1. Legal Issue Identification
2. Client Objectives and Priorities
3. Applicable Laws and Regulations
4. Risk Assessment and Mitigation
5. Confidentiality and Privilege
6. Timeline and Key Deadlines
7. Evidence and Documentation Review
8. Strategy and Action Plan Development
9. Dispute Resolution Options
10. Contract Terms and Obligations
11. Communication with Opposing Parties
12. Costs, Fees, and Budgeting
13. Regulatory Compliance Check
14. Settlement Opportunities and Strategy
15. Witness Identification and Preparation
16. Legal Argument and Case Theory
17. Governing Law and Jurisdiction
18. Drafting and Reviewing Legal Documents
19. Enforcement and Implementation Issues
20. Updates and Next Steps Planning

**Type of Conversation Used:**

1. Client Legal Consultation
2. Contract Negotiation Meeting
3. Case Strategy Session
4. Legal Risk Assessment
5. Court Preparation Discussion
6. Settlement Negotiation
7. Intellectual Property Consultation
8. Regulatory Compliance Review
9. Litigation Update Meeting
10. Mediation or Arbitration Session

**Prompt 2.2: Get topics for each Field and conversation type**

You are a domain expert and topic classifier designer. Your input consists of a JSON with each key representing a field and the values are their corresponding list consisting of types of conversations that can take place in each respective field.

Your task is to generate 10 specific discussion topics based on JSON the provided:

{

"Technology": [

"Technical Support Call (User-Agent)",

"Software Sales Demo (Sales Rep-Prospect)",

"Project Stand-up Meeting (Team)",

"Code Review Session (Engineers)",

"Product Roadmap Discussion (PM-Stakeholders)",

"User Feedback Interview (Researcher-User)",

"Manager-Engineer Performance Review",

"Security Incident Response Meeting",

"API Integration Consultation (Partner-Engineer)",

"Feature Prioritization Debate (Team)"

],

"Healthcare": [

"Doctor-Patient Consultation",

"Nurse Handoff Report (Nurse-Nurse)",

"Patient Appointment Scheduling Call (Admin-Patient)",

"Insurance Verification Call (Admin-Insurer)",

"Specialist Referral Discussion (Doctor-Doctor)",

"Interdisciplinary Care Team Meeting",

"Manager-Nurse Performance Review",

"Patient Support Line Call (Patient-Support Staff)",

"Treatment Plan Discussion (Doctor-Patient/Family)",

"HIPAA Compliance Audit Discussion"

],

"Finance": [

"Financial Advisor-Client Portfolio Review",

"Mortgage Application Consultation (Loan Officer-Applicant)",

"Banking Customer Service Call (Client-Agent)",

"Investment Strategy Pitch (Advisor-Client)",

"Internal Audit Review Meeting",

"Fraud Alert Call (Bank-Customer)",

"Manager-Analyst Performance Review",

"Regulatory Compliance Inquiry (Compliance Officer-Regulator)",

"Wealth Management Planning Session",

"Credit Line Negotiation (Banker-Business Client)"

],

"Legal": [

"Lawyer-Client Initial Consultation",

"Case Strategy Meeting (Legal Team)",

"Deposition Preparation Session (Lawyer-Client/Witness)",

"Settlement Negotiation Call (Lawyer-Opposing Counsel)",

"Document Review Session (Paralegal-Lawyer)",

"Client Case Status Update Call (Lawyer/Paralegal-Client)",

"Manager-Paralegal Performance Review",

"Discovery Request Conference (Opposing Counsel)",

"Expert Witness Interview (Lawyer-Expert)",

"Pro Bono Intake Interview (Lawyer/Volunteer-Client)"

] }

Each topic should represent a distinct point of discussion that may occur in that conversation. These will later be used as classification labels in conversation datasets.

✅ Ensure that the topics are granular enough to reflect real-world utterance categories.

✅ Aim to create overlap in topic labels across different fields and conversation types whenever appropriate (e.g., “Goal Setting” may appear in both performance reviews and project planning across fields).

✅ Do not include examples or descriptions — only list the topic titles.

📄 Format your output as follows:

Field: [Input Field]

Conversation Type: [Input Conversation Type]

Topics:

1. [Topic Title]

2. [Topic Title]

...

10. [Topic Title]

Be consistent, practical, and domain-aware. The topics should be immediately usable as annotation or classification labels.

**Model API-KEY: 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**

**Prompt 3: Generating conversations**

You are tasked with generating a dialogue-based conversation based on the following input parameters:

1. Field: <Field>

2. Type of Conversation: <Type of Conversation>

3. Topics and Sentiments: <Dictionary containing the topics and their corresponding sentiments. For example: {{"Topic1": "positive", "Topic2": "negative", "Topic3": "neutral"}}>

\*\*Instructions\*\*:

- Create a dialogue-based conversation that is specific to the field mentioned.

- Ensure the conversation involves all the topics provided in the Topics and Sentiments dictionary.

- Annotate each speaker in the conversation simply by labeling them as "Speaker A", "Speaker B", etc.

- Use the Topics and Sentiments dictionary to add a sentimental aspect around each topic, and apply the corresponding sentiment from the dictionary for each topic.

- The conversation should reflect realistic exchanges, with each character responding naturally to the topics.

- The sentiment for each topic must be directly reflected in the conversation, based on the Topics and Sentiments dictionary values.

- Each topic mentioned in the Topics and Sentiments must be addressed in the dialogue, and each speaker's sentiment should align with the assigned sentiment for that topic.

\*\*Output Format\*\*:

Provide the conversation like this:

"<Deepseek generated conversation>"

### Example:

If the field is "Technology", and the conversation type is "technical", with the topics and sentiments dictionary as:

{{"AI Development": "positive", "Data Security": "negative", "Software Bugs": "neutral"}}

The output should look like:

"Speaker A: 'AI development has made huge strides in the last few years.' Speaker B: 'True, but we must also be cautious about data security risks with AI.' Speaker A: 'Yes, but AI can also improve data security.' Speaker B: 'True, but there's always the risk of software bugs making everything more complex.'"

Now your turn!

1. Field: {Field}

2. Type of Conversation: {type\_of\_conversation}

3. Topics and Sentiments: {topic\_sentiment\_dictionary}

Output:

"Conversation": "Speaker A: 'Hi, great to connect! I'm really excited about our upcoming product roadmap discussion. It's going to be transformative for our tech initiatives!' Speaker B: 'Hello! I'm looking forward to it too. It's crucial we align on our priorities.' Speaker A: 'Absolutely, the roadmap is ambitious but achievable. We have some groundbreaking features to discuss.' Speaker B: 'That sounds promising. Could you clarify which features we're prioritizing first?' Speaker A: 'We're focusing on enhancing user experience and integrating advanced AI capabilities.' Speaker B: 'I see, how do these enhancements specifically improve the user experience?' Speaker A: 'Through personalized interfaces and streamlined workflows, based on extensive user research.' Speaker B: 'That's a solid approach. Have we considered potential challenges in implementation?' Speaker A: 'Yes, we're aware of possible resource constraints and are planning accordingly to mitigate risks.' Speaker B: 'Good to hear. Collaboration will be key here.' Speaker A: 'Agreed. Let's ensure everyone is on the same page to drive success.' Speaker B: 'I'm optimistic about our team's ability to execute effectively. Looking forward to the discussion!'",