# Analysis of WhatsApp's Terms and Conditions

## Personal Data Collected by WhatsApp

1. User Data: Phone number, device information, app usage statistics, and IP address.
2. Content Data: While messages are end-to-end encrypted, metadata such as sender and receiver details, timestamps, and group information may be stored.
3. Connections: Contact lists are periodically synchronized to identify WhatsApp users.
4. Additional Data: Payment and transaction data for in-app services, if applicable.

## How Data is Processed and Shared

• WhatsApp uses personal data for service functionality, security improvements, and personalized user experience.
• Metadata and information are shared with Meta (Facebook) for analytics and integration with other services, but not for targeted advertising in the EU.
• Business interactions on WhatsApp Business are recorded for customer service purposes.

## Risks Identified

• Potential for misuse of metadata despite encryption of message content.
• Sharing of data with parent company Meta, raising concerns about privacy and transparency.
• Challenges for users in navigating complex terms, potentially leading to unintentional data sharing.

## Protection Measures

• Users can limit data sharing through privacy settings.
• Transparency improvements have been made in response to EU regulations, such as clearer update notifications and rejection options for policy changes.
• End-to-end encryption ensures that message content is not accessible by third parties.

## References

• ENISA Threat Landscape 2023
• WhatsApp Privacy Policy (https://www.whatsapp.com/legal/privacy-policy)
• European Commission Consumer Protection Report (https://ec.europa.eu/commission/presscorner)