

Slide 1: Title Slide

Title: Cryptocurrency: A Comprehensive Overview

Subtitle: Technology, Investment, and Shariah Compliance

Slide 2: Introduction to Cryptocurrency

Cryptocurrency is a digital or virtual currency secured by cryptography.

Core principles: Decentralization, Cryptography, Blockchain.

History: Bitcoin launched in 2009, introducing decentralized money.

Slide 3: How Does Cryptocurrency Work?

Blockchain acts as a distributed ledger shared across a network.

Transactions are verified through consensus mechanisms.

Public & private keys enable secure digital signatures.

Slide 4: Is Crypto Only for Investment?

Crypto is not just for investment; it has technological utility.

Its purpose extends to payments, decentralization, and automation.

Slide 5: Purpose Beyond Investment

Smart Contracts: Self-executing agreements on Ethereum.

DeFi enables decentralized financial services.

Cross-border payments become faster and cheaper.

NFTs & dApps support digital ownership and decentralized apps.

Slide 6: Creating Crypto: Mining vs. Farming

Mining: Proof-of-Work process to validate blocks and earn coins.

Farming: Yield Farming/Liquidity Mining in DeFi protocols.

Slide 7: Trading Crypto: Spot vs. Futures

Spot Trading: Buying and holding the actual crypto asset.

Futures: Contracts to buy/sell later; higher risk and speculation.

Slide 8: Crypto in Shariah (Islamic Law)

Debate involves Gharar (uncertainty), Maisir (gambling), and Riba (interest).

Some scholars see crypto as a digital asset; others see risk concerns.

Opinions vary; research is ongoing.

Slide 9: Crypto and Pakistani Law

Pakistan's SBP has cautioned against crypto and restricted its use.

Regulations are evolving; crypto is not officially recognized as legal tender.

Slide 10: Market Data (Top Currencies)

Includes Bitcoin, Ethereum, BNB, Solana, XRP.

Approximate prices for 2015, 2017, 2020, 2023, and current values.

Note: Only Bitcoin has full 10-year data.

Slide 11: Market Trends (Graph Analysis)

Data shows volatility with multiple bull and bear cycles.

Bitcoin leads market direction; altcoins follow similar patterns.

Major growth in 2017 and 2020–2021, corrections afterward.

Slide 12: Summary and Conclusion

Crypto is a technology beyond investment.

It powers DeFi, smart contracts, and digital ownership.

Trading includes Spot and Futures with varying risks.

Shariah and legal views are evolving.

Digital assets are likely to grow in global adoption.

Slide 13: Q&A;

Questions & Answers

Thank you.