

Portfolio - Farzad M.

Mechanical Engineer | Data Analyst | Technical Report Specialist

With over 20 years of experience in oil, gas, and geothermal drilling, I specialize in transforming complex field data into clear, professional reports and presentations. This portfolio showcases a few sample outputs related to engineering reporting, data analysis, and documentation using MS Office tools.

Sample 1: Technical Drilling Report (Summary)

Project: Geothermal Well Drilling - Iran, 2023

Objective: Provide daily drilling progress report with pressure analysis.

Summary:

- Depth drilled: 2,300 m
- Drilling rate: Avg. 11 m/hr
- Formation pressure: Monitored and recorded using downhole sensors
- Issues encountered: Minor loss circulation at 1,850 m
- Recommendations: Adjust mud weight and prepare LCM pills

Sample 2: Excel-Based Data Analysis

Dataset: Daily drilling parameters from 5 wells

Tool: Microsoft Excel (PivotTables, conditional formatting, formulas)

Insights Extracted:

- Identified correlation between RPM and bit wear rate
- Calculated cost per meter for each well section
- Visualized trends using line and combo charts

Sample 3: PowerPoint Technical Summary Slide

- Created for internal review meeting with stakeholders

- Slide included key KPIs, time-vs-depth curve, and recommended actions
- Used corporate color template and consistent visual formatting

These examples represent a small part of my capabilities in delivering high-quality, accurate, and professional documentation. I'm ready to support your next project with precision, speed, and creativity.