Anomaly Detection List

1. IBM
   - Classical: Isolation Forest, DBSCAN
   - Quantum: Researching quantum algorithms for anomaly detection

2. Google
   - Classical: Autoencoders, One-Class SVM
   - Quantum: Exploring quantum machine learning for anomaly detection

3. Microsoft
   - Classical: Local Outlier Factor (LOF), Random Forest
   - Quantum: Investigating quantum-inspired algorithms

4. Amazon
   - Classical: Time series analysis, Statistical methods
   - Quantum: No public information on quantum implementations

5. Splunk
   - Classical: Machine learning-based anomaly detection
   - Quantum: No public information on quantum implementations

6. Datadog
   - Classical: Unsupervised learning algorithms
   - Quantum: No public information on quantum implementations

7. SAS Institute
   - Classical: Clustering algorithms, Neural networks
   - Quantum: No public information on quantum implementations

8. Cisco Systems
   - Classical: Statistical analysis, Machine learning
   - Quantum: No public information on quantum implementations

9. Dynatrace
   - Classical: AI-based anomaly detection
   - Quantum: No public information on quantum implementations

10. New Relic
    - Classical: Statistical methods, Machine learning
    - Quantum: No public information on quantum implementations

11. LogRhythm
    - Classical: Behavioral analytics, Machine learning
    - Quantum: No public information on quantum implementations

12. Anodot
    - Classical: Machine learning algorithms
    - Quantum: No public information on quantum implementations

13. Vectra AI

- Classical: AI and machine learning-based detection
- Quantum: No public information on quantum implementations

14. Darktrace
- Classical: Unsupervised machine learning
- Quantum: No public information on quantum implementations

15. ExtraHop
- Classical: Machine learning, Behavioral analysis
- Quantum: No public information on quantum implementations

16. Sumo Logic
- Classical: Machine learning algorithms
- Quantum: No public information on quantum implementations

17. Elastic
- Classical: Machine learning-based anomaly detection
- Quantum: No public information on quantum implementations

18. Trend Micro
- Classical: AI and machine learning algorithms
- Quantum: No public information on quantum implementations

19. Symantec (now part of Broadcom)
- Classical: Machine learning, Behavior-based detection
- Quantum: No public information on quantum implementations

20. FireEye
- Classical: Machine learning, Signature-based detection
- Quantum: No public information on quantum implementations

21. CrowdStrike
- Classical: AI and machine learning algorithms
- Quantum: No public information on quantum implementations

22. Palo Alto Networks
- Classical: Machine learning, Behavioral analytics
- Quantum: No public information on quantum implementations

23. Fortinet
- Classical: AI-based anomaly detection
- Quantum: No public information on quantum implementations

24. Check Point Software Technologies
- Classical: AI and machine learning algorithms
- Quantum: No public information on quantum implementations

25. Sophos
- Classical: Deep learning, Neural networks
- Quantum: No public information on quantum implementations

26. McAfee

- Classical: Machine learning, Behavioral analysis
- Quantum: No public information on quantum implementations

27. RSA Security
- Classical: Machine learning algorithms
- Quantum: No public information on quantum implementations

28. Rapid7
- Classical: Machine learning-based anomaly detection
- Quantum: No public information on quantum implementations

29. LogicMonitor
- Classical: AI and machine learning algorithms
- Quantum: No public information on quantum implementations

30. BigPanda
- Classical: Machine learning, Correlation analysis
- Quantum: No public information on quantum implementations

31. Moogsoft
- Classical: AI-driven anomaly detection
- Quantum: No public information on quantum implementations

32. Solarwinds
- Classical: Machine learning algorithms
- Quantum: No public information on quantum implementations

33. Nagios
- Classical: Statistical analysis, Thresholding
- Quantum: No public information on quantum implementations

34. ESET
- Classical: Machine learning, Heuristic analysis
- Quantum: No public information on quantum implementations

35. Bitdefender
- Classical: Machine learning, Behavioral analysis
- Quantum: No public information on quantum implementations

36. Kaspersky
- Classical: Machine learning algorithms
- Quantum: No public information on quantum implementations

37. Anomali
- Classical: Machine learning-based threat detection
- Quantum: No public information on quantum implementations

38. Exabeam
- Classical: Machine learning, Behavioral analytics
- Quantum: No public information on quantum implementations

39. Securonix

- Classical: Machine learning algorithms
- Quantum: No public information on quantum implementations

40. Lacework
- Classical: Machine learning, Behavioral analysis
- Quantum: No public information on quantum implementations

41. Cynet
- Classical: AI and machine learning algorithms
- Quantum: No public information on quantum implementations

42. Abnormal Security
- Classical: AI-based anomaly detection
- Quantum: No public information on quantum implementations

43. Cognni
- Classical: AI and machine learning algorithms
- Quantum: No public information on quantum implementations

44. Armorblox
- Classical: Natural Language Understanding (NLU)
- Quantum: No public information on quantum implementations

45. MixMode
- Classical: AI-driven anomaly detection
- Quantum: No public information on quantum implementations

46. Uptycs
- Classical: Machine learning algorithms
- Quantum: No public information on quantum implementations

47. Hunters.AI
- Classical: AI and machine learning-based detection
- Quantum: No public information on quantum implementations

It's important to note that while a few major tech companies (like IBM, Google, and Microsoft) are exploring quantum computing for various applications including anomaly detection, most companies in this space are primarily using classical algorithms. The field of quantum machine learning, which could potentially be applied to anomaly detection, is still in its early stages. As quantum technology matures, we may see more companies adopting quantum algorithms for anomaly detection in the future.