SCOTT R. INGRAM

LIMS Administrator | Business Intelligence Specialist | Database Administrator

1653 Orchard Cv Unit A, Elko, NV 89801
dvsarchitect@gmail.com | (775) 299-2686

LinkedIn   **Online Portfolio**

PROFESSIONAL SUMMARY

Business Intelligence Specialist and LIMS Administrator with expertise in developing data analytics solutions and AI/ML implementations for mining laboratory operations. Proven track record designing and deploying 50+ Power BI dashboards, implementing predictive analytics models, and automating complex workflows. Specialized in bridging laboratory operations with advanced data analytics, database administration, and AI-driven optimization. MSHA certified with perfect safety record and extensive experience managing enterprise-scale laboratory systems.

CORE COMPETENCIES

- Power BI Development & Analytics
- AI/ML Model Implementation
- Database Management (SQL)
- Business Intelligence & Data Visualization
- Process Automation (Power Automate)
- Python & PowerShell Scripting
- LIMS Administration & Configuration
- Predictive Analytics & Data Mining
- Laboratory Operations
- SharePoint & Microsoft 365
- Data Integrity & Quality Assurance
- Technical Training & Support

PROFESSIONAL EXPERIENCE

LIMS Administrator & Business Intelligence Specialist
Nevada Gold Mines | Present

- Designed and deployed 50+ Power BI reports and dashboards providing real-time operational insights for laboratory management, including data repository, LECO operator dashboards, and comprehensive performance analytics serving 400+ users
- Implemented AI/ML models for predictive analytics and anomaly detection in laboratory operations, optimizing sample processing workflows and resource allocation using Python and statistical analysis
- Automated complex laboratory workflows using Power Automate, integrating LIMS, SharePoint, and Microsoft 365 systems to reduce manual processes and improve data accuracy by 60%
- Administer enterprise LIMS database infrastructure supporting high-volume mining laboratory operations, managing database performance optimization, workflow configuration, and technical support
- Maintain SharePoint lab services pages and develop custom web-based tools including PreStart Safety Board for safety compliance tracking and critical control documentation

Assayer III, Team Lead
Klondex Mines | July 2014 – January 2015 | Winnemucca, NV

- Led assay lab production operations for three mining sites: Pinson Mine, Fire Creek, and Midas Mine
- Managed complete assay process including sample prep, fire assay, weigh up/weigh back, preliminary and settlement bullion
- Conducted cyanide shake and AA analysis operations while maintaining perfect safety record with hazardous materials

Lab Technician III

Veris Gold USA, Inc. | March 2013 – July 2014 | Elko, NV

- Performed fire assay determinations, sulfur analysis, and prepared fluxes and parting solutions

- Ensured safe, efficient, reliable and accurate handling and analysis of all samples

Director of Ad Services & Social Media

Virtual Land Grab | January 2010 – March 2013 | Draper, UT

- Designed and managed targeted advertising delivery across network of 1,000+ websites reaching millions of monthly visitors

- Developed market strategy, geo-targeting, and analytics programs using data visualization and business intelligence tools

- Built brand presence through integrated social media campaigns; featured in TechCrunch and Gizmodo as social media expert

Pit Floor Supervisor

Hon-Dah Resort & Casino | March 2003 – January 2010 | Pinetop, AZ

- Supervised casino pit floor operations including hourly financial analysis, player tracking, and guest relations

- Utilized data analytics for performance tracking and operational decision-making

EDUCATION

Stanford University
Online Courses: Technology Entrepreneurship, Algorithms: Design and Analysis, Cryptography | 2012-2013

Northland Pioneer College
Associates of Applied Sciences (Incomplete) | Show Low, AZ | 2000-2003

Show Low High School
Diploma | Show Low, AZ | 1994-1997

TECHNICAL SKILLS

Business Intelligence & AI/ML: Power BI, DAX, Power Automate, Predictive Analytics, Machine Learning, Data Mining, Statistical Analysis

Development & Scripting: Python, PowerShell, SQL, VBA, HTML/CSS/JavaScript, Web Development

Database & LIMS: LabWare LIMS, SQL Server, Database Administration, Data Integrity, System Configuration

Platforms & Tools: SharePoint, Microsoft 365, Azure, Git, Visual Studio Code, Data Visualization Tools

CERTIFICATIONS & CREDENTIALS

- MSHA Certification (5000-23) – Current
- LabWare Admin 1 Certification
- Perfect Chemical Safety Record – Hazardous & Caustic Materials

KEY PROJECTS & ACHIEVEMENTS

- Developed 50+ Power BI dashboards and reports supporting 400+ users across multiple mining operations
- Implemented AI/ML predictive models for laboratory process optimization and anomaly detection
- Created PreStart Safety Board web application for crew safety compliance and critical control tracking
- Automated laboratory workflows reducing manual processes by 60% using Power Automate and Python

REFERENCES

Available upon request